

September 8, 2015

Test report number 102207890CRT-002a  
Project number 102207890-311

Schneider Electric India Pvt. Ltd.,  
L3, Verna Industrial Estate  
Verna, Goa - 403722

### **TEST:**

Final qualification testing of a cabling configuration to the requirements of ANSI/TIA-568-C.2 for Category 6A channel with limits extended out to 800 MHz.

### **STANDARD USED:**

ANSI/TIA-568-C.2-2009: Balanced Twisted-Pair Telecommunications Cabling and Components Standards, dated August 2009

### **SECTION:**

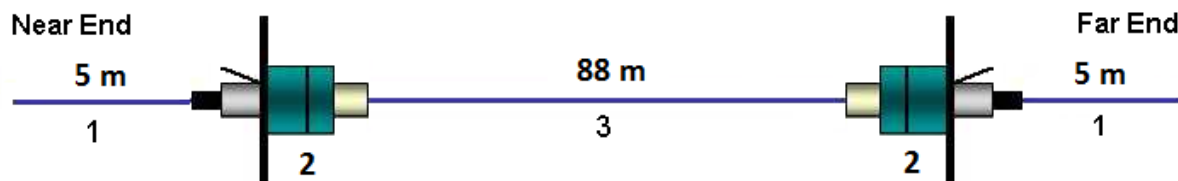
6.2: Channel transmission performance (6.2.1 to 6.2.26)

### **AUTHORIZATION:**

The project was authorized by Mr. Ajit Gaonkar, representing the client, Schneider Electric India Pvt. Ltd., with Intertek India quote number CE-QUO-BAN-15-000721.

### **SAMPLE DESCRIPTION:**

An Intertek representative randomly selected a 2-connector channel as illustrated below. The samples were received on August 25, 2015 and were production samples in good condition.



Component Id	Manufacturer	Description	Part number
1	Schneider Electric	Equipment Cord, 5 m	ACTPTG6ASBCMXXYY_E
2	Schneider Electric	Wall Outlet	VDIB1775XUWE_E
		Patch Panel	ACTPP6ATGUXXNSA_E ACTPP6ATGU24NSS_E
3	Schneider Electric	CM, UTP, Horizontal Cable, 88 m	ACTTG4P6AUCM3RBU_E



**EQUIPMENT LIST:**

The following equipment was employed in conducting the tests.

<u>Equipment used</u>	<u>Model number</u>	<u>Control number</u>	<u>Calibration date</u>	<u>Calibration due date</u>
Keysight Network Analyzer	8753E	E307	3/3/2015	3/3/2016
Keysight LCR Meter	4262B	R171	9/22/2014	9/22/2015
Temperature humidity meter	OM-EL-USB-2-LCD	H243	1/22/2015	1/22/2016

**DATE OF TEST:**

September 3, 2015 through September 8, 2015

**TEST REPORT REVISION HISTORY:**

First Issue: September 8, 2015 Original Document

**RESULTS:** See appendixes A and B for the test results.

**CONCLUSION:**

The channel cabling configuration, as previously described and randomly selected by an Intertek representative, was tested in accordance with the standard referred to on page 1, and did comply with the indicated applicable transmission requirements. The testing was performed at Intertek located in Cortland, New York.

The procedures and requirements were taken from the standard referred to on page 1.

Reviewed and Approved By:

Antoine Pelletier  
Project Engineer  
Global Cabling Products Testing

John Cash  
Associate Engineer  
Global Cabling Products Testing



Schneider Electric India Pvt. Ltd.,

Test report number 102207890CRT-002a  
September 8, 2015

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**Appendix A**  
Internal test results

This appendix contains 39 pages.



## Low Frequency Report

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

DC Resistance (Ohms)				
45	12	36	78	Limit (Ohms)
7.9154	7.7107	8.0579	7.7785	
7.9365	7.7271	8.0865	7.8060	

Resistance Unbalanced (%)				
45	12	36	78	Limit (%)
0.13	0.11	0.18	0.18	3.00

Resistance Unbalanced Pair-Pair (%)						
45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78	Limit (%)
1.32	0.91	0.85	2.24	0.47	1.76	

DC Loop Resistance (Ohms)				
45	12	36	78	Limit (Ohms)
15.8500	15.4370	16.1420	15.5820	25.0000



## Insertion Loss

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

Insertion Loss (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-2.27	-1.83	-1.78	-1.14	-1.84
4.	-4.16	-3.51	-3.48	-2.93	-3.54
8.	-5.81	-4.93	-4.90	-4.44	-4.98
10.	-6.49	-5.51	-5.49	-5.05	-5.57
16.	-8.20	-6.97	-6.92	-6.56	-7.03
20.	-9.17	-7.81	-7.76	-7.44	-7.88
25.	-10.27	-8.74	-8.68	-8.42	-8.82
31.25	-11.50	-9.78	-9.71	-9.54	-9.86
62.5	-16.40	-13.87	-13.76	-13.80	-13.97
100.	-20.93	-17.68	-17.51	-17.86	-17.76
155.	-26.34	-22.32	-22.01	-22.72	-22.26
200.	-30.14	-25.38	-25.33	-25.86	-25.58
250.	-33.95	-28.72	-28.22	-29.24	-28.51
300.	-37.44	-31.26	-31.10	-32.47	-31.54
350.	-40.68	-34.21	-33.64	-35.02	-33.94
400.	-43.73	-36.60	-36.38	-38.09	-36.85
450.	-46.63	-38.92	-39.05	-40.56	-38.97
500.	-49.40	-40.95	-40.77	-43.00	-41.55
550.	-52.05	-43.31	-43.13	-45.14	-43.53
600.	-54.61	-45.67	-45.18	-47.54	-45.32
650.	-57.08	-47.61	-47.36	-50.71	-47.63
700.	-59.48	-49.89	-49.20	-52.61	-49.16
750.	-61.81	-51.74	-51.15	-54.79	-52.16
800.	-64.08	-54.69	-53.10	-56.72	-53.48



## NEXT - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

NEXT - Near End (dB)							
Freq (MHz)	Limit	45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78
1.	-65.00	-90.81	-85.46	-87.49	-94.36	-93.13	-85.99
4.	-63.04	-92.88	-77.32	-85.75	-85.67	-87.37	-79.07
8.	-58.16	-74.48	-76.34	-81.10	-79.00	-80.62	-81.72
10.	-56.58	-79.52	-70.63	-78.54	-74.79	-81.28	-74.52
16.	-53.23	-71.69	-64.94	-71.64	-79.80	-77.59	-71.88
20.	-51.63	-75.38	-64.26	-72.74	-74.95	-76.36	-66.99
25.	-50.03	-69.20	-61.60	-70.08	-74.91	-72.28	-66.51
31.25	-48.42	-80.16	-60.87	-63.63	-67.26	-71.05	-70.60
62.5	-43.38	-70.66	-53.60	-65.74	-68.51	-64.55	-58.50
100.	-39.93	-63.93	-51.12	-63.29	-60.68	-66.93	-55.95
155.	-36.68	-66.13	-48.36	-58.97	-61.88	-56.59	-57.39
200.	-34.78	-55.63	-47.76	-52.07	-60.44	-59.34	-52.43
250.	-33.11	-63.83	-44.53	-54.83	-56.54	-55.89	-50.93
300.	-31.75	-51.97	-43.22	-61.77	-51.16	-57.32	-46.12
350.	-30.31	-64.56	-44.43	-50.53	-45.15	-55.55	-48.36
400.	-28.73	-56.76	-43.27	-49.43	-46.54	-54.74	-44.95
450.	-27.34	-68.15	-40.24	-50.15	-41.18	-57.96	-39.82
500.	-26.10	-52.60	-38.28	-51.75	-44.60	-57.94	-44.36
550.	-24.98	-41.39	-39.09	-48.65	-39.36	-55.21	-39.98
600.	-23.95	-52.92	-35.31	-60.21	-41.29	-46.87	-41.44
650.	-23.01	-48.27	-28.52	-45.04	-37.40	-55.53	-35.43
700.	-22.13	-55.75	-34.50	-40.59	-40.34	-51.29	-38.59
750.	-21.32	-51.15	-32.13	-44.34	-35.47	-57.08	-34.36
800.	-20.56	-52.80	-27.42	-46.47	-37.98	-48.35	-40.83



## NEXT - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

NEXT - Far End (dB)							
Freq (MHz)	Limit	45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78
1.	-65.00	-91.70	-86.87	-89.26	-93.23	-94.99	-86.26
4.	-63.04	-89.50	-78.44	-79.43	-81.37	-97.41	-77.99
8.	-58.16	-82.00	-80.10	-77.95	-73.53	-85.84	-80.67
10.	-56.58	-91.38	-70.57	-80.46	-71.96	-91.82	-73.79
16.	-53.23	-78.53	-65.31	-68.01	-69.30	-81.56	-70.87
20.	-51.63	-73.85	-66.00	-70.68	-66.26	-94.99	-65.54
25.	-50.03	-74.89	-61.24	-71.60	-65.47	-78.61	-61.33
31.25	-48.42	-75.73	-61.86	-65.32	-63.46	-81.28	-64.41
62.5	-43.38	-64.10	-56.98	-56.98	-59.80	-80.67	-56.79
100.	-39.93	-60.15	-52.68	-58.41	-57.75	-88.21	-53.43
155.	-36.68	-54.43	-49.28	-53.94	-53.43	-69.82	-52.37
200.	-34.78	-55.46	-46.91	-53.88	-53.39	-68.89	-50.46
250.	-33.11	-60.60	-46.29	-51.60	-49.27	-61.35	-47.75
300.	-31.75	-57.53	-46.08	-55.88	-47.98	-54.60	-44.79
350.	-30.31	-51.51	-42.67	-60.89	-47.00	-67.13	-43.74
400.	-28.73	-51.25	-41.17	-49.25	-45.30	-56.95	-43.50
450.	-27.34	-49.58	-38.29	-62.43	-45.08	-62.26	-40.84
500.	-26.10	-47.63	-39.77	-46.70	-42.56	-58.87	-41.92
550.	-24.98	-50.90	-35.78	-46.91	-41.76	-67.07	-40.04
600.	-23.95	-49.00	-35.10	-43.51	-39.00	-57.58	-43.53
650.	-23.01	-49.71	-31.35	-42.79	-36.91	-54.80	-37.54
700.	-22.13	-44.30	-31.00	-51.10	-36.84	-51.37	-35.95
750.	-21.32	-52.07	-28.97	-49.59	-35.01	-49.25	-38.61
800.	-20.56	-47.66	-29.79	-52.77	-35.34	-53.98	-37.02



## PSNEXT - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

PSNEXT - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-62.00	-82.63	-87.74	-82.42	-83.20
4.	-60.54	-76.63	-82.96	-74.73	-77.73
8.	-55.60	-71.70	-72.43	-73.69	-76.35
10.	-53.99	-69.52	-72.80	-68.07	-72.44
16.	-50.59	-63.40	-70.11	-64.00	-68.16
20.	-48.97	-63.39	-70.51	-62.12	-65.55
25.	-47.34	-60.40	-66.70	-60.20	-64.18
31.25	-45.71	-58.78	-65.42	-59.42	-62.22
62.5	-40.59	-53.27	-62.38	-52.28	-56.92
100.	-37.08	-50.66	-58.34	-49.54	-54.93
155.	-33.78	-47.93	-55.10	-47.68	-52.77
200.	-31.85	-45.90	-53.18	-46.31	-48.83
250.	-30.15	-44.09	-52.83	-43.42	-48.53
300.	-28.76	-42.62	-47.99	-40.98	-45.69
350.	-27.33	-43.44	-44.73	-40.90	-45.81
400.	-25.79	-42.17	-45.58	-39.94	-43.30
450.	-24.44	-39.80	-41.08	-35.60	-39.37
500.	-23.23	-37.93	-43.79	-36.57	-43.48
550.	-22.14	-36.79	-37.18	-34.69	-39.32
600.	-21.14	-35.22	-40.00	-33.56	-40.30
650.	-20.22	-28.38	-37.00	-27.27	-34.94
700.	-19.37	-33.52	-39.89	-32.32	-36.32
750.	-18.58	-31.82	-35.33	-28.99	-33.93
800.	-17.84	-27.36	-37.47	-26.88	-39.21



## PSNEXT - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

PSNEXT - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-62.00	-84.07	-88.33	-83.10	-84.13
4.	-60.54	-75.71	-80.66	-74.26	-75.61
8.	-55.60	-74.87	-72.73	-71.98	-75.64
10.	-53.99	-70.10	-71.85	-67.13	-72.83
16.	-50.59	-63.30	-68.56	-63.05	-65.99
20.	-48.97	-64.22	-65.56	-61.13	-64.36
25.	-47.34	-60.69	-64.81	-57.50	-60.86
31.25	-45.71	-59.96	-63.13	-58.22	-61.77
62.5	-40.59	-53.55	-58.38	-52.88	-53.86
100.	-37.08	-51.08	-55.76	-49.34	-52.23
155.	-33.78	-47.11	-50.84	-46.54	-50.00
200.	-31.85	-45.61	-51.22	-44.69	-48.75
250.	-30.15	-45.04	-48.71	-42.83	-46.11
300.	-28.76	-45.37	-46.75	-41.32	-44.05
350.	-27.33	-42.08	-45.65	-39.34	-43.63
400.	-25.79	-40.19	-44.09	-38.23	-42.32
450.	-24.44	-37.96	-43.70	-35.82	-40.78
500.	-23.23	-38.41	-41.31	-36.47	-40.61
550.	-22.14	-35.33	-41.24	-33.66	-39.22
600.	-21.14	-34.36	-38.53	-33.19	-40.42
650.	-20.22	-30.99	-36.61	-29.53	-36.34
700.	-19.37	-30.76	-36.00	-29.01	-35.70
750.	-18.58	-28.91	-34.77	-27.64	-37.94
800.	-17.84	-29.70	-35.03	-28.13	-36.82



## ACR - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

ACR - Near End (dB)							
Freq (MHz)	Limit	45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78
1.	62.73	89.03	84.33	85.65	93.22	91.29	84.15
4.	58.88	89.40	74.39	82.21	82.75	83.84	75.54
8.	52.35	69.58	71.89	76.13	74.55	75.64	76.74
10.	50.09	74.04	65.58	72.97	69.74	75.71	68.95
16.	45.03	64.77	58.37	64.61	73.23	70.55	64.85
20.	42.46	67.62	56.82	64.86	67.51	68.48	59.11
25.	39.76	60.52	53.18	61.27	66.49	63.47	57.69
31.25	36.92	70.44	51.33	53.77	57.71	61.19	60.74
62.5	26.97	56.90	39.80	51.77	54.71	50.58	44.52
100.	18.99	46.42	33.26	45.53	42.82	49.17	38.19
155.	10.34	44.12	25.65	36.71	39.16	34.33	35.13
200.	4.64	30.30	21.90	26.49	34.58	33.75	26.85
250.	-0.83	35.61	15.30	26.31	27.31	27.38	22.41
300.	-5.69	20.88	10.75	30.22	18.69	25.78	14.58
350.	-10.37	30.92	9.42	16.58	10.14	21.61	14.42
400.	-15.00	20.38	5.18	12.58	8.45	17.89	8.10
450.	-19.29	29.10	-0.33	11.18	0.62	18.99	0.85
500.	-23.30	11.83	-4.73	10.20	1.60	16.39	2.82
550.	-27.08	-1.74	-6.05	5.12	-5.78	11.68	-3.55
600.	-30.66	7.74	-12.23	14.89	-6.25	1.55	-3.89
650.	-34.08	0.90	-22.19	-2.60	-13.31	7.89	-12.20
700.	-37.35	6.55	-18.11	-8.57	-12.27	2.12	-10.58
750.	-40.49	0.00	-22.67	-7.82	-19.32	4.92	-17.80
800.	-43.52	-0.30	-29.30	-7.01	-18.74	-5.13	-12.65



## ACR - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

ACR - Far End (dB)							
Freq (MHz)	Limit	45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78
1.	62.73	89.92	85.58	87.43	91.94	93.16	84.44
4.	58.88	86.03	75.36	75.90	78.30	93.88	74.46
8.	52.35	77.11	75.52	72.98	68.94	80.88	75.71
10.	50.09	85.91	65.37	74.90	66.76	86.26	68.23
16.	45.03	71.62	58.60	60.99	62.59	74.54	63.85
20.	42.46	66.10	58.41	62.81	58.67	87.12	57.67
25.	39.76	66.22	52.68	62.80	56.90	69.81	52.53
31.25	36.92	66.02	52.17	55.47	53.77	71.43	54.56
62.5	26.97	50.36	43.03	43.04	45.85	66.73	42.85
100.	18.99	42.66	34.68	40.67	39.75	70.48	35.69
155.	10.34	32.41	26.26	31.65	30.40	47.53	30.08
200.	4.64	30.12	20.83	28.26	27.31	43.27	24.84
250.	-0.83	32.39	16.95	23.05	19.93	32.80	19.20
300.	-5.69	26.44	13.40	24.35	15.30	23.07	13.26
350.	-10.37	17.86	7.61	27.02	11.94	33.26	9.87
400.	-15.00	14.89	2.92	12.37	7.05	20.08	6.63
450.	-19.29	10.36	-2.37	23.29	4.42	23.12	1.70
500.	-23.30	6.69	-3.77	4.94	-0.98	17.11	0.17
550.	-27.08	7.61	-9.89	3.21	-3.91	23.37	-3.66
600.	-30.66	3.89	-12.44	-1.86	-8.53	12.21	-1.85
650.	-34.08	2.25	-19.71	-4.92	-14.15	7.10	-10.16
700.	-37.35	-4.89	-21.34	1.97	-15.50	2.24	-13.18
750.	-40.49	0.85	-26.65	-2.85	-20.61	-3.20	-13.84
800.	-43.52	-5.66	-27.43	-0.96	-21.89	0.24	-16.71



## PSACR - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

PSACR - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	59.73	80.81	85.96	81.29	81.36
4.	56.39	73.13	79.48	71.80	74.19
8.	49.78	66.78	67.54	69.25	71.37
10.	47.51	64.01	67.32	63.02	66.87
16.	42.40	56.43	63.19	57.43	61.13
20.	39.80	55.58	62.75	54.67	57.67
25.	37.08	51.66	58.02	51.78	55.36
31.25	34.21	48.99	55.71	49.88	52.36
62.5	24.18	39.39	48.62	38.47	42.95
100.	16.15	32.98	40.83	31.67	37.17
155.	7.44	25.61	33.10	24.97	30.51
200.	1.71	20.52	27.85	20.46	23.25
250.	-3.80	15.36	24.61	14.18	20.02
300.	-8.67	11.37	16.90	8.51	14.15
350.	-13.36	9.23	11.09	5.89	11.87
400.	-17.94	5.57	9.20	1.86	6.45
450.	-22.19	0.89	2.03	-4.96	0.40
500.	-26.17	-3.02	3.02	-6.43	1.93
550.	-29.92	-6.53	-5.95	-10.45	-4.22
600.	-33.47	-10.44	-5.18	-13.98	-5.03
650.	-36.86	-19.23	-10.36	-23.44	-12.69
700.	-40.11	-16.37	-9.31	-20.29	-12.84
750.	-43.24	-19.91	-15.83	-25.81	-18.24
800.	-46.25	-27.33	-15.62	-29.84	-14.26



## PSACR - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

PSACR - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	59.73	82.26	86.55	81.81	82.30
4.	56.39	72.22	77.19	71.18	72.08
8.	49.78	69.97	67.84	67.39	70.68
10.	47.51	64.60	66.38	61.93	67.27
16.	42.40	56.35	61.64	56.34	58.97
20.	39.80	56.42	57.81	53.54	56.49
25.	37.08	51.96	56.14	48.93	52.06
31.25	34.21	50.19	53.43	48.53	51.92
62.5	24.18	39.70	44.63	38.94	39.92
100.	16.15	33.44	38.27	31.34	34.49
155.	7.44	24.80	28.81	23.52	27.71
200.	1.71	20.28	25.87	18.61	23.13
250.	-3.80	16.40	20.50	13.49	17.55
300.	-8.67	14.07	15.67	8.64	12.52
350.	-13.36	7.84	12.01	4.28	9.77
400.	-17.94	3.60	7.73	-0.03	5.45
450.	-22.19	-0.96	4.48	-4.84	1.64
500.	-26.17	-2.80	0.37	-7.07	-1.15
550.	-29.92	-8.24	-2.05	-12.01	-4.48
600.	-33.47	-11.48	-6.58	-14.34	-4.95
650.	-36.86	-16.65	-10.84	-21.52	-11.36
700.	-40.11	-19.24	-13.20	-23.33	-13.43
750.	-43.24	-23.27	-16.45	-27.98	-14.51
800.	-46.25	-25.19	-18.28	-29.10	-16.91



## FEXT - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

FEXT - Near End (dB)												
f (MHz)	1-2	1-3	1-4	2-1	2-3	2-4	3-1	3-2	3-4	4-1	4-2	4-3
1.	-93.68	-85.74	-96.18	-99.28	-96.86	-90.31	-86.44	-93.96	-90.58	-90.56	-93.72	-89.10
4.	-89.63	-74.29	-99.07	-88.71	-86.65	-85.07	-73.43	-89.16	-81.01	-95.72	-84.81	-81.45
8.	-88.35	-69.33	-93.85	-83.59	-90.86	-81.10	-68.04	-88.06	-79.91	-103.06	-81.06	-80.32
10.	-84.57	-67.77	-86.18	-84.39	-94.66	-77.67	-67.25	-85.86	-78.92	-92.05	-79.70	-79.85
16.	-84.62	-67.98	-84.70	-84.43	-85.65	-75.81	-66.72	-91.23	-79.38	-84.75	-76.01	-82.37
20.	-83.97	-68.90	-84.76	-85.47	-83.17	-75.34	-67.00	-84.71	-73.52	-81.08	-75.21	-77.36
25.	-79.09	-69.30	-85.30	-85.31	-79.32	-74.63	-68.06	-79.56	-69.52	-81.88	-74.25	-71.86
31.25	-79.54	-72.04	-80.66	-79.24	-77.71	-73.42	-70.88	-82.86	-66.63	-79.44	-73.53	-67.78
62.5	-69.36	-62.17	-77.68	-69.37	-73.28	-74.19	-60.58	-71.95	-67.20	-77.05	-73.62	-67.33
100.	-67.83	-76.40	-76.42	-67.54	-74.84	-77.50	-80.20	-73.72	-72.33	-76.09	-77.96	-71.85
155.	-69.48	-62.05	-68.32	-66.17	-70.97	-79.68	-60.62	-72.44	-70.94	-69.05	-83.81	-73.46
200.	-75.31	-64.04	-69.44	-81.55	-78.46	-74.09	-62.64	-74.09	-70.78	-69.26	-74.90	-69.89
250.	-72.81	-71.59	-74.03	-71.22	-77.62	-73.31	-73.52	-81.31	-98.58	-75.27	-77.73	-73.72
300.	-75.78	-72.34	-68.49	-75.39	-79.41	-80.04	-67.46	-95.29	-82.62	-69.62	-84.08	-75.54
350.	-75.06	-65.42	-79.88	-72.55	-78.64	-79.73	-64.49	-72.43	-73.48	-81.98	-78.89	-72.22
400.	-78.60	-70.44	-84.79	-75.11	-83.05	-75.13	-70.11	-99.03	-87.64	-83.79	-74.93	-82.92
450.	-87.53	-82.89	-79.10	-87.25	-77.77	-73.39	-72.89	-85.23	-78.06	-76.93	-73.77	-81.61
500.	-83.61	-67.49	-74.09	-92.30	-72.86	-79.15	-68.12	-72.35	-72.44	-76.74	-77.23	-77.77
550.	-79.60	-73.46	-80.19	-75.56	-81.66	-93.62	-69.96	-90.37	-75.01	-78.67	-95.47	-79.03
600.	-78.95	-76.37	-81.68	-79.03	-76.22	-85.54	-74.24	-74.07	-81.28	-79.33	-84.90	-76.81
650.	-87.43	-70.38	-77.64	-79.64	-78.96	-82.77	-71.65	-81.43	-78.31	-79.44	-90.95	-82.02
700.	-81.64	-70.12	-97.32	-84.46	-86.05	-89.50	-70.80	-82.06	-78.81	-88.39	-82.08	-75.30
750.	-81.61	-85.00	-79.53	-83.50	-80.25	-87.14	-82.09	-75.07	-88.38	-77.18	-89.00	-78.91
800.	-82.13	-77.59	-85.81	-84.78	-78.72	-90.28	-71.23	-83.67	-91.05	-83.28	-95.53	-79.85



## ACRF (ELFEXT) - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

ACRF (ELFEXT) - Near End (dB)													
f (MHz)	Limit	1-2	1-3	1-4	2-1	2-3	2-4	3-1	3-2	3-4	4-1	4-2	4-3
1.	-63.26	-91.90	-84.61	-94.34	-97.46	-95.73	-88.48	-84.62	-92.18	-88.75	-88.73	-91.94	-87.96
4.	-51.22	-86.15	-71.36	-95.54	-85.21	-83.72	-81.53	-69.93	-85.68	-77.47	-92.21	-81.33	-78.52
8.	-45.20	-83.45	-64.89	-88.87	-78.66	-86.42	-76.12	-63.12	-83.16	-74.93	-98.13	-76.16	-75.88
10.	-43.26	-79.08	-62.71	-80.61	-78.88	-89.61	-72.10	-61.75	-80.38	-73.35	-86.55	-74.22	-74.80
16.	-39.17	-77.69	-61.42	-77.67	-77.47	-79.08	-68.78	-59.76	-84.31	-72.35	-77.78	-69.09	-75.80
20.	-37.24	-76.21	-61.46	-76.88	-77.66	-75.73	-67.46	-59.19	-76.95	-65.64	-73.26	-67.46	-69.91
25.	-35.30	-70.41	-60.88	-76.49	-76.57	-70.90	-65.82	-59.32	-70.88	-60.71	-73.14	-65.58	-63.44
31.25	-33.36	-69.82	-62.49	-70.80	-69.46	-68.16	-63.55	-61.10	-73.15	-56.77	-69.66	-63.82	-58.24
62.5	-27.34	-55.59	-48.37	-63.70	-55.50	-59.48	-60.21	-46.71	-58.19	-53.23	-63.17	-59.86	-53.53
100.	-23.26	-50.32	-58.54	-58.66	-49.86	-56.98	-59.74	-62.52	-56.21	-54.57	-58.42	-60.45	-53.99
155.	-19.45	-47.47	-39.34	-46.06	-43.85	-48.26	-57.42	-38.31	-50.43	-48.68	-46.73	-61.80	-50.74
200.	-17.24	-49.98	-38.18	-43.86	-56.17	-52.61	-48.50	-37.26	-48.75	-45.20	-43.89	-49.57	-44.04
250.	-15.30	-44.59	-42.35	-45.51	-42.50	-48.39	-44.80	-44.80	-53.08	-70.06	-46.55	-49.51	-44.48
300.	-13.71	-44.69	-39.87	-36.95	-44.14	-46.94	-48.50	-36.20	-64.19	-51.08	-38.37	-52.99	-43.07
350.	-12.38	-41.43	-30.40	-45.94	-38.34	-43.63	-45.79	-30.27	-38.80	-39.53	-47.77	-45.26	-37.21
400.	-11.22	-42.22	-32.36	-47.93	-38.50	-44.96	-38.28	-33.51	-62.66	-50.78	-47.19	-38.55	-44.84
450.	-10.19	-48.48	-42.33	-40.13	-48.33	-37.21	-34.42	-33.98	-46.18	-39.09	-38.01	-34.72	-41.04
500.	-9.28	-42.84	-24.48	-32.54	-51.35	-29.86	-37.60	-27.17	-31.58	-30.90	-35.79	-36.46	-34.76
550.	-8.45	-36.47	-28.32	-36.66	-32.24	-36.52	-50.08	-26.64	-47.24	-31.47	-35.36	-52.35	-33.89
600.	-7.69	-33.77	-28.83	-36.36	-33.36	-28.68	-40.22	-28.57	-28.89	-35.96	-33.66	-39.72	-29.27
650.	-7.00	-40.07	-19.67	-30.00	-32.03	-28.25	-35.13	-24.04	-34.07	-30.68	-31.83	-43.59	-31.31
700.	-6.35	-32.44	-17.51	-48.16	-34.58	-33.43	-40.34	-20.92	-32.86	-29.65	-38.51	-32.88	-22.69
750.	-5.76	-30.46	-30.20	-27.36	-31.76	-25.46	-34.97	-30.36	-23.92	-36.22	-25.44	-37.85	-24.12
800.	-5.20	-29.03	-20.87	-32.34	-30.09	-22.00	-36.80	-16.55	-30.57	-37.57	-28.60	-42.44	-23.13



## PSFEXT - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

PSFEXT - Near End (dB)				
Freq (MHz)	45	12	36	78
1.	-84.77	-89.02	-84.51	-85.96
4.	-74.15	-81.79	-72.63	-79.69
8.	-69.26	-78.87	-67.73	-77.65
10.	-67.62	-76.76	-66.91	-76.63
16.	-67.80	-74.87	-66.48	-74.66
20.	-68.66	-74.32	-66.07	-72.49
25.	-68.76	-73.09	-65.54	-69.61
31.25	-70.84	-71.27	-65.17	-66.51
62.5	-61.31	-66.98	-59.47	-66.06
100.	-66.75	-66.44	-69.55	-69.73
155.	-60.54	-64.77	-59.98	-67.59
200.	-62.69	-72.18	-61.76	-65.96
250.	-67.91	-68.55	-72.83	-70.49
300.	-66.44	-72.98	-67.31	-68.50
350.	-64.83	-70.98	-63.39	-71.01
400.	-69.69	-71.77	-70.03	-73.83
450.	-77.16	-71.91	-71.55	-71.60
500.	-66.54	-71.89	-65.69	-72.45
550.	-71.79	-74.45	-68.72	-75.76
600.	-73.68	-74.06	-70.72	-74.39
650.	-69.54	-75.10	-70.41	-77.29
700.	-69.81	-81.28	-69.89	-74.30
750.	-76.73	-77.97	-74.10	-74.77
800.	-75.82	-77.53	-70.95	-78.14



## PSACRF (PSELFEXT) - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

PSACRF (PSELFEXT) - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-60.26	-82.95	-87.24	-83.37	-84.13
4.	-48.22	-70.64	-78.31	-69.70	-76.15
8.	-42.20	-64.33	-73.97	-63.28	-72.67
10.	-40.26	-62.11	-71.28	-61.86	-71.07
16.	-36.17	-60.83	-67.94	-59.91	-67.63
20.	-34.24	-60.85	-66.56	-58.63	-64.61
25.	-32.30	-60.02	-64.41	-57.12	-60.80
31.25	-30.36	-61.06	-61.56	-55.63	-56.65
62.5	-24.34	-47.44	-53.21	-45.67	-52.08
100.	-20.26	-49.08	-48.94	-51.69	-51.96
155.	-16.45	-38.22	-42.77	-37.27	-45.33
200.	-14.24	-37.32	-46.85	-35.90	-40.38
250.	-12.30	-39.19	-40.33	-43.59	-41.97
300.	-10.71	-35.18	-41.88	-34.84	-36.96
350.	-9.38	-30.62	-37.34	-28.37	-37.07
400.	-8.22	-33.08	-35.39	-31.94	-36.97
450.	-7.19	-38.25	-32.85	-30.98	-32.63
500.	-6.28	-25.59	-31.12	-22.69	-30.90
550.	-5.45	-28.47	-31.32	-23.58	-32.23
600.	-4.69	-28.01	-28.89	-23.18	-29.07
650.	-4.00	-21.93	-27.74	-19.70	-29.66
700.	-3.35	-19.92	-32.08	-17.28	-25.14
750.	-2.76	-24.99	-26.82	-19.31	-22.60
800.	-2.20	-21.13	-24.43	-14.23	-24.67



## Return Loss - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

Return Loss - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-19.00	-31.32	-30.98	-35.89	-31.73
4.	-19.00	-31.73	-33.82	-29.93	-34.29
8.	-19.00	-37.84	-36.10	-25.01	-70.35
10.	-19.00	-41.19	-29.64	-25.38	-39.73
16.	-17.98	-39.30	-47.57	-30.71	-55.01
20.	-17.49	-47.55	-34.06	-49.33	-39.13
25.	-17.01	-37.90	-34.39	-41.37	-35.94
31.25	-16.53	-51.86	-32.37	-30.84	-39.68
62.5	-14.04	-35.37	-33.22	-31.84	-31.96
100.	-12.00	-35.58	-38.61	-41.84	-31.96
155.	-10.10	-23.18	-35.83	-22.29	-30.80
200.	-8.99	-49.51	-42.40	-19.96	-54.60
250.	-8.02	-30.24	-31.21	-24.53	-23.27
300.	-7.23	-26.89	-19.74	-16.98	-22.71
350.	-6.56	-22.77	-35.30	-32.26	-26.02
400.	-6.00	-19.66	-18.16	-17.85	-14.10
450.	-6.00	-21.19	-17.66	-21.59	-20.31
500.	-6.00	-18.09	-22.11	-23.30	-12.66
550.	-6.00	-16.01	-13.09	-14.42	-13.22
600.	-6.00	-13.64	-15.93	-24.34	-12.62
650.	-6.00	-13.18	-13.68	-9.34	-9.63
700.	-6.00	-13.82	-12.48	-24.15	-13.33
750.	-6.00	-10.65	-14.45	-9.58	-8.68
800.	-6.00	-14.18	-12.85	-15.79	-10.07



## Return Loss - Far End

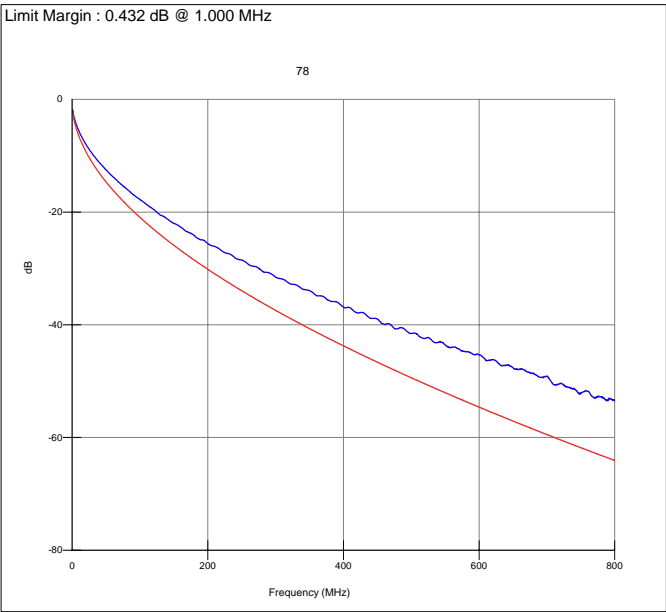
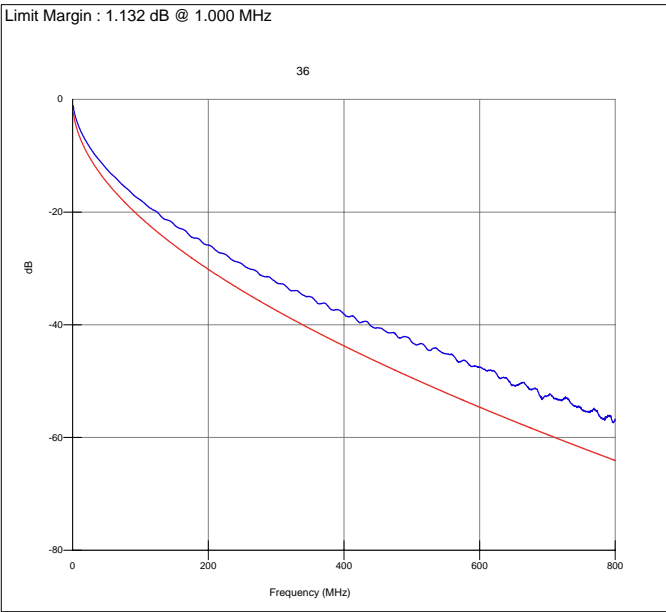
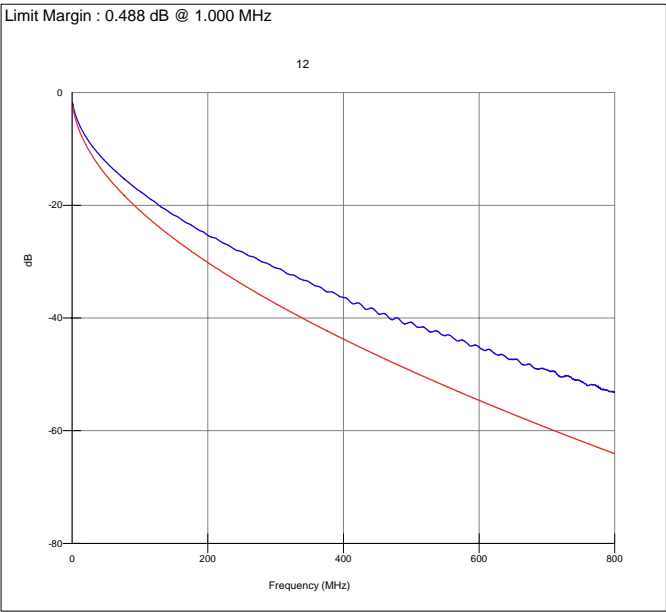
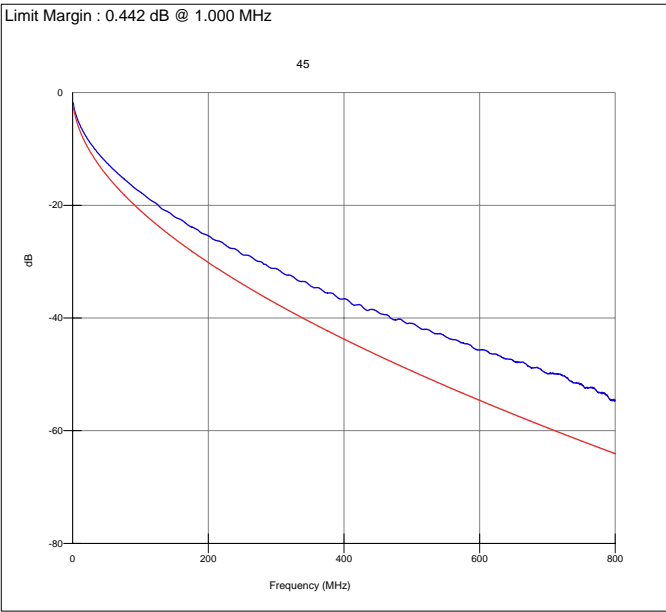
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

Return Loss - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-19.00	-31.39	-30.97	-36.58	-32.07
4.	-19.00	-33.83	-42.86	-31.56	-39.65
8.	-19.00	-42.99	-32.78	-24.90	-39.89
10.	-19.00	-76.51	-28.18	-24.57	-35.69
16.	-17.98	-43.39	-66.92	-28.95	-84.92
20.	-17.49	-42.93	-35.61	-38.63	-48.81
25.	-17.01	-46.76	-32.83	-45.06	-37.07
31.25	-16.53	-42.72	-30.07	-31.58	-38.69
62.5	-14.04	-43.07	-38.66	-55.80	-33.44
100.	-12.00	-43.67	-43.84	-31.41	-54.66
155.	-10.10	-29.12	-71.50	-30.35	-34.37
200.	-8.99	-33.45	-36.82	-21.04	-32.59
250.	-8.02	-36.38	-25.72	-35.15	-23.22
300.	-7.23	-17.89	-27.23	-23.09	-29.21
350.	-6.56	-27.59	-35.15	-24.60	-22.19
400.	-6.00	-16.62	-19.79	-29.05	-21.81
450.	-6.00	-26.21	-21.72	-14.38	-27.21
500.	-6.00	-14.80	-16.40	-27.27	-15.76
550.	-6.00	-21.48	-12.99	-13.57	-22.31
600.	-6.00	-12.38	-17.40	-15.78	-15.04
650.	-6.00	-14.58	-11.53	-15.49	-15.86
700.	-6.00	-10.34	-15.35	-10.22	-13.22
750.	-6.00	-13.34	-11.26	-25.48	-11.61
800.	-6.00	-8.40	-9.65	-8.25	-13.62



Insertion Loss

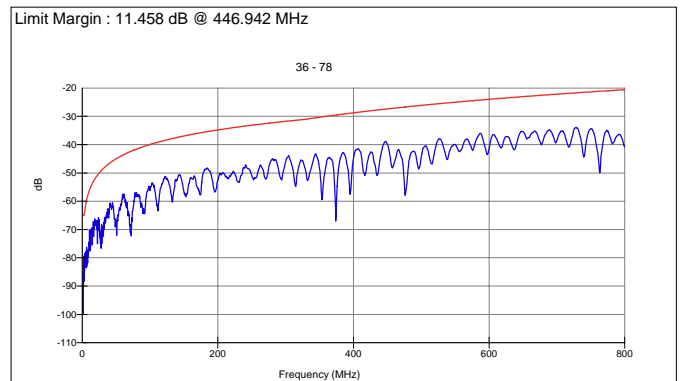
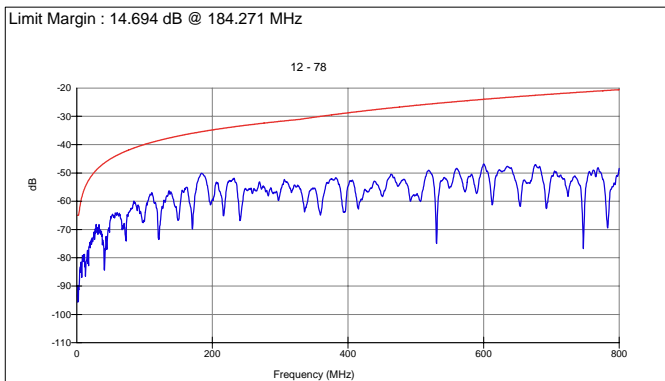
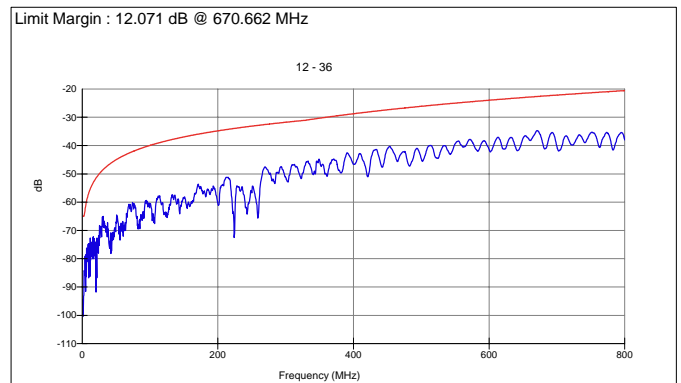
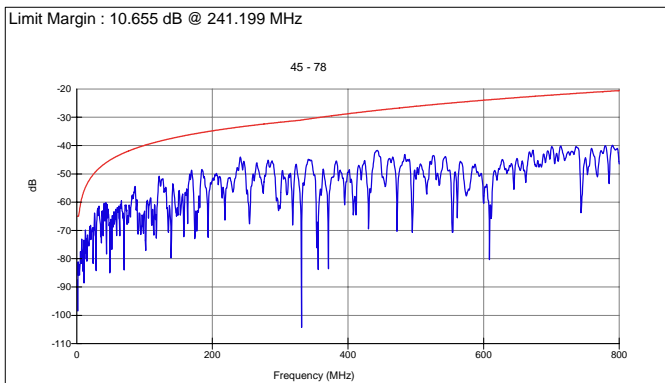
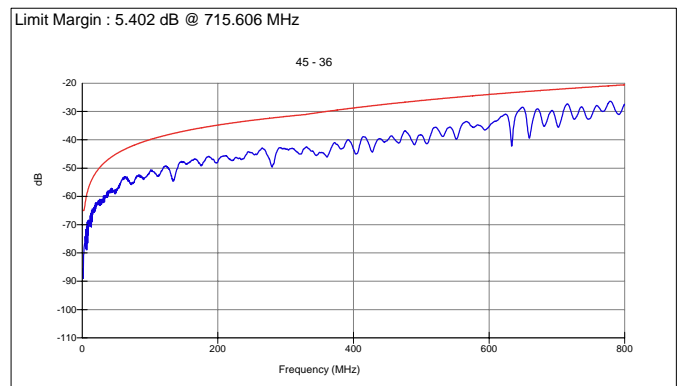
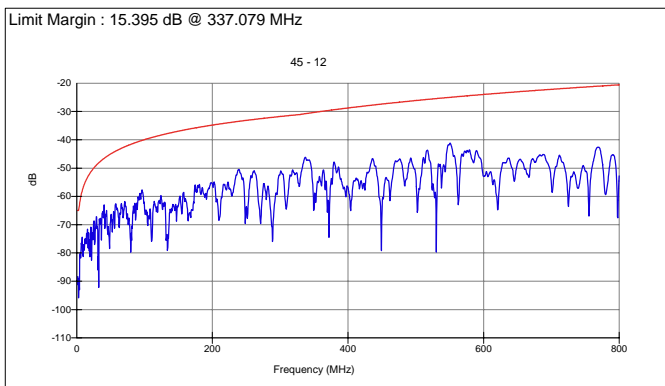
Client	Schneider Electric India	Report No	102207890CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





## NEXT - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

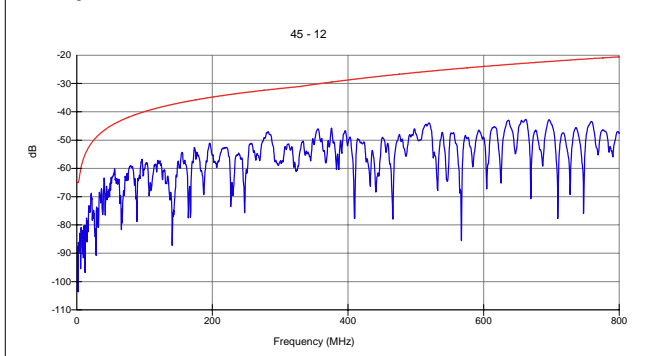




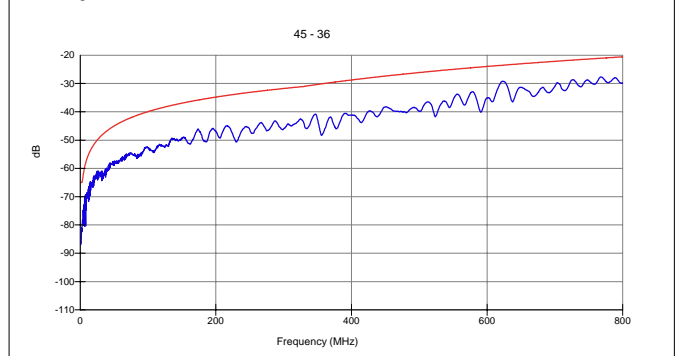
## NEXT - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

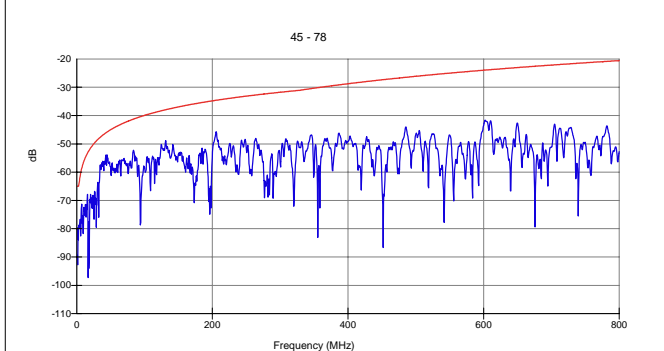
Limit Margin : 14.724 dB @ 282.148 MHz



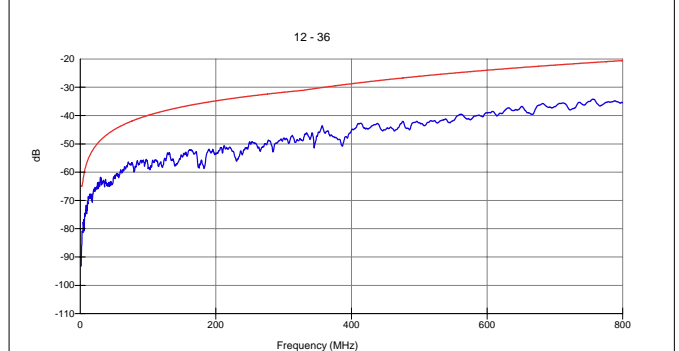
Limit Margin : 5.643 dB @ 622.722 MHz



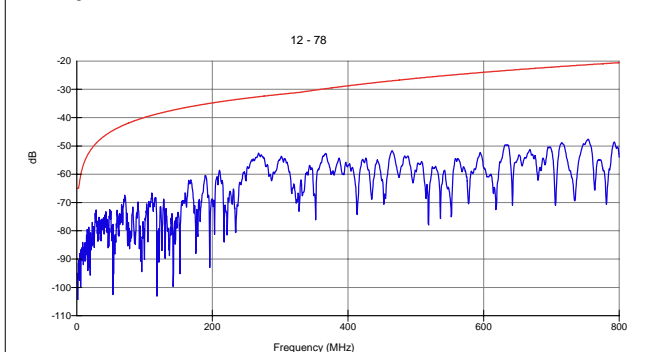
Limit Margin : 7.828 dB @ 42.948 MHz



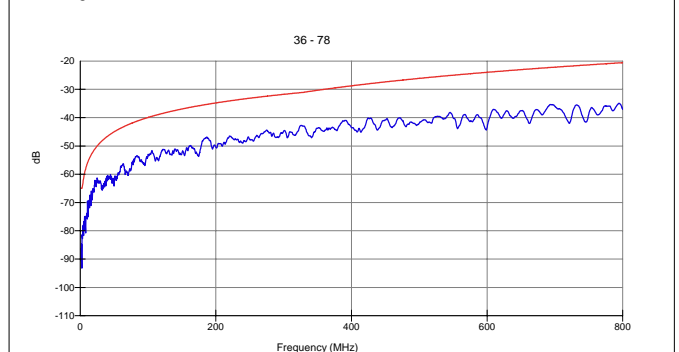
Limit Margin : 12.947 dB @ 756.055 MHz



Limit Margin : 19.966 dB @ 268.166 MHz



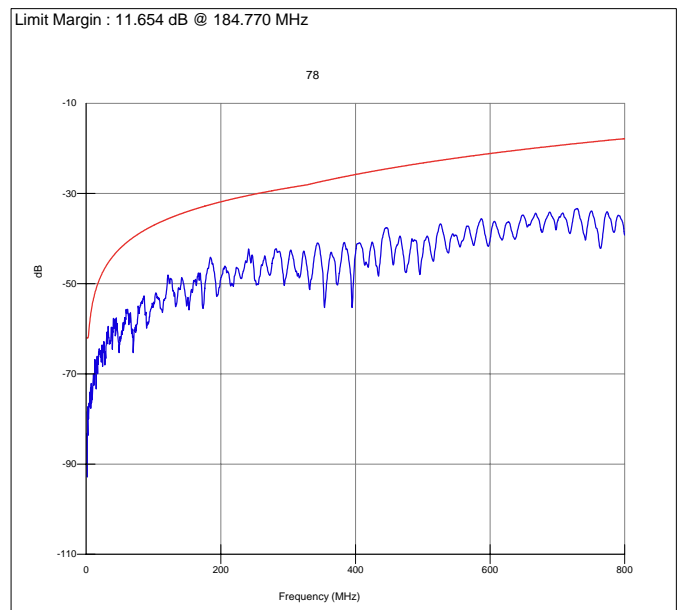
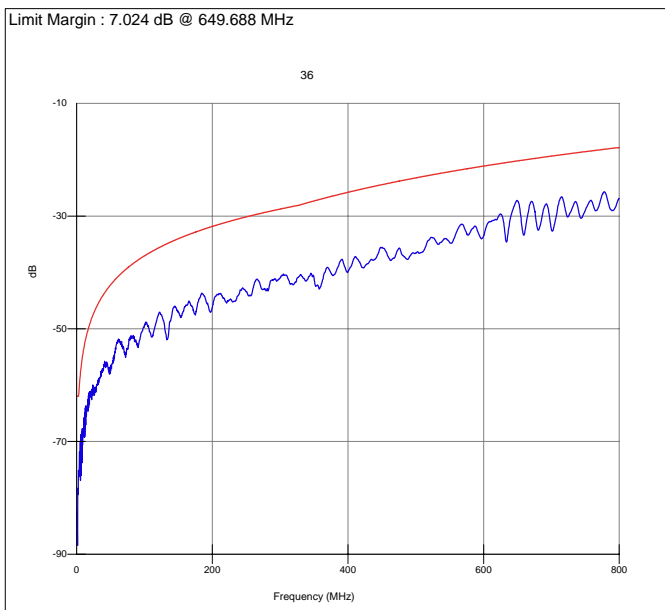
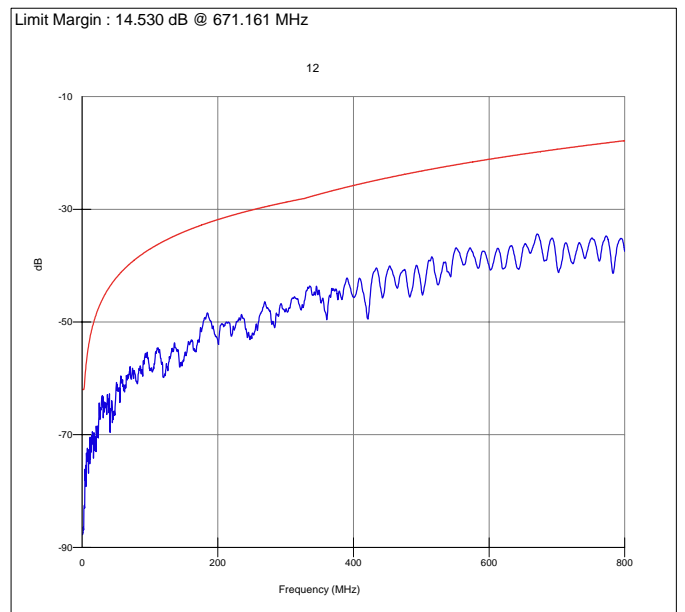
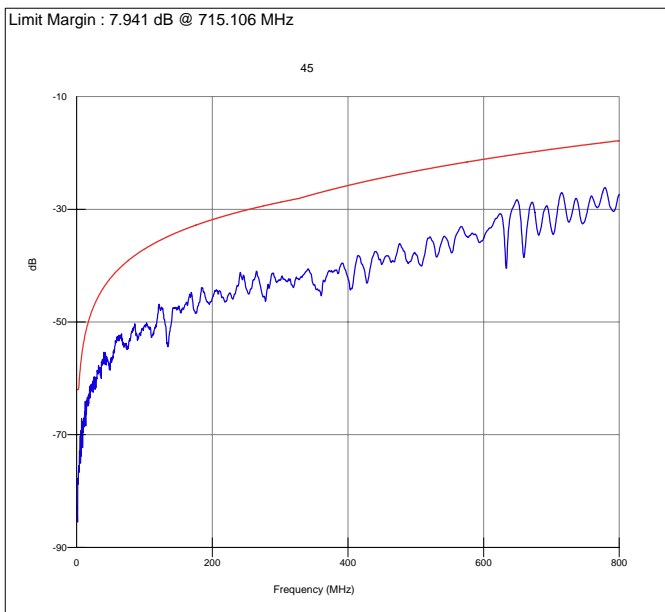
Limit Margin : 11.213 dB @ 21.974 MHz





## PSNEXT - Near End

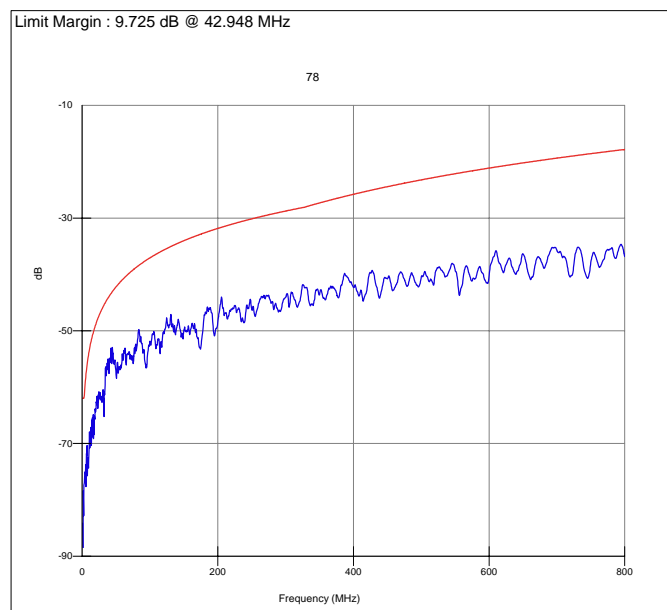
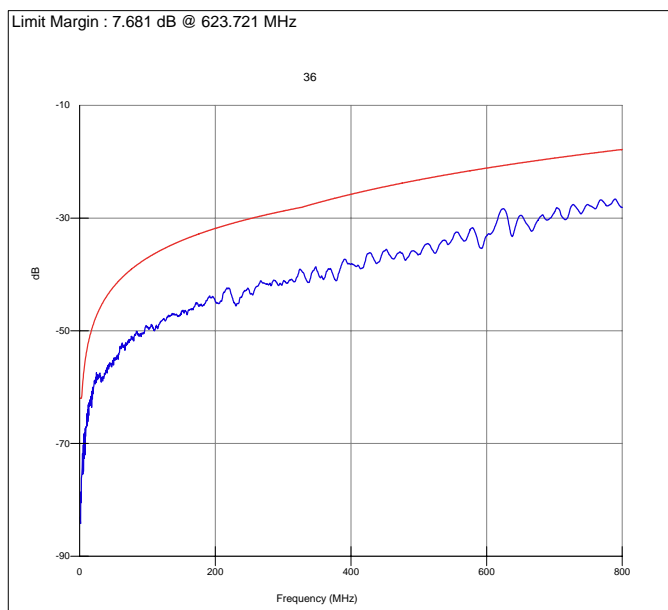
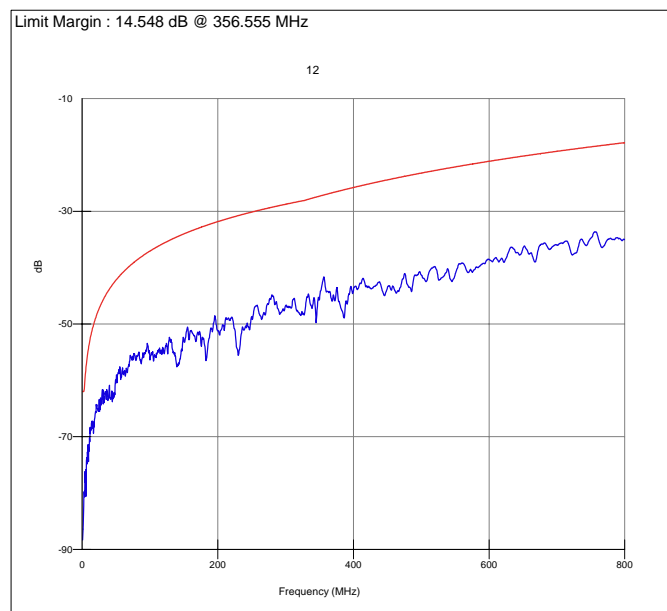
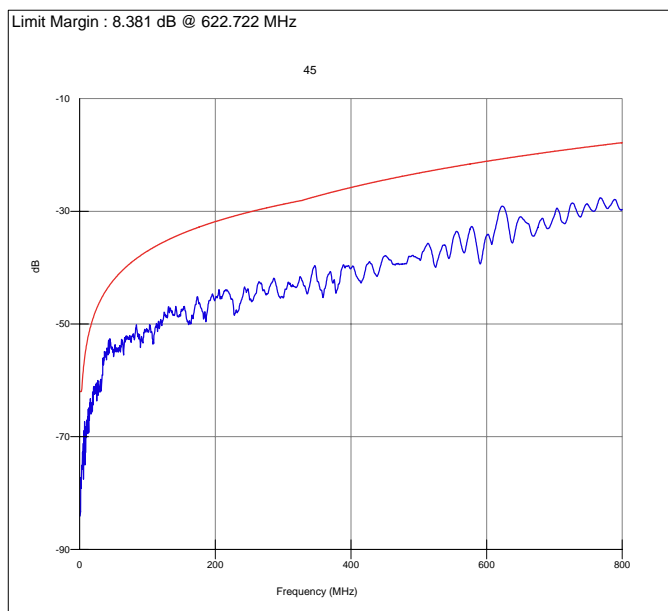
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





## PSNEXT - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

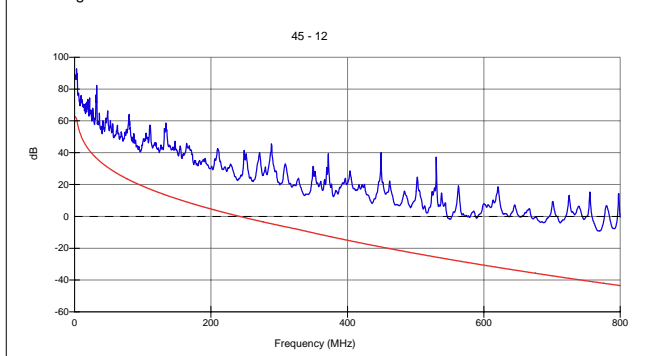




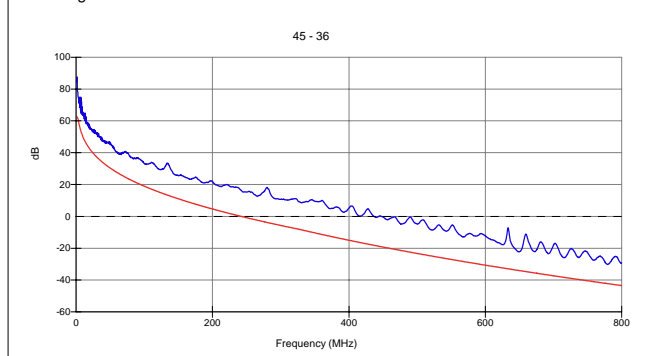
## ACR - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

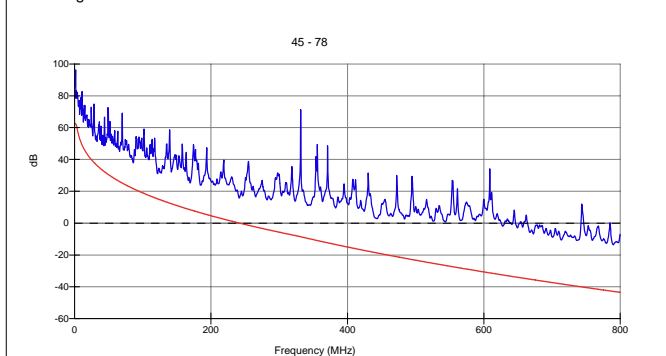
Limit Margin : 17.144 dB @ 7.991 MHz



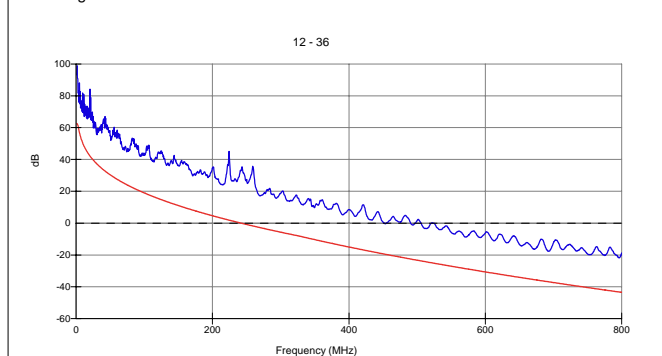
Limit Margin : 11.719 dB @ 649.189 MHz



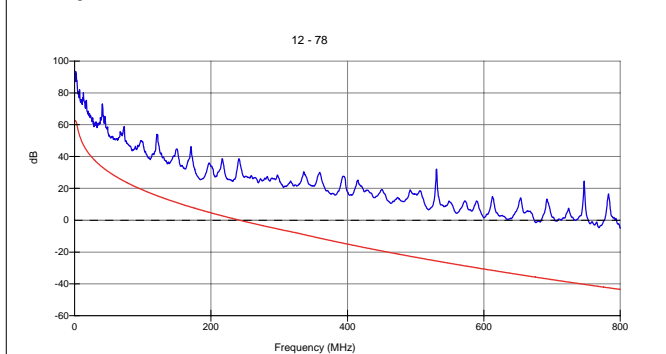
Limit Margin : 15.115 dB @ 32.960 MHz



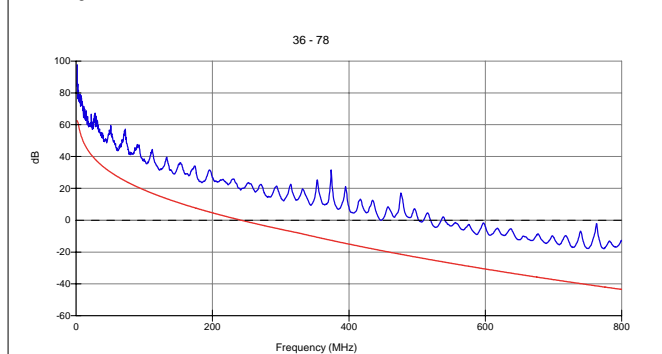
Limit Margin : 17.898 dB @ 6.493 MHz



Limit Margin : 18.949 dB @ 184.271 MHz



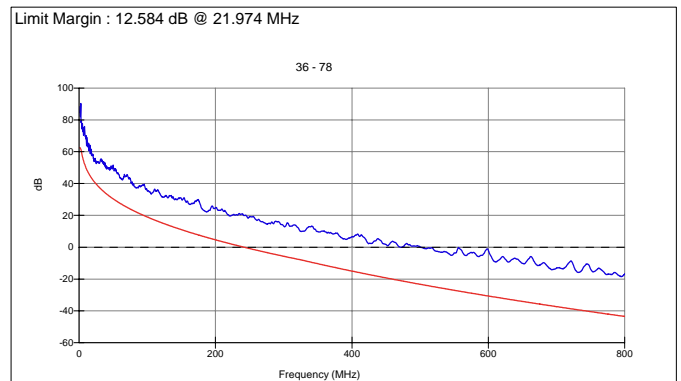
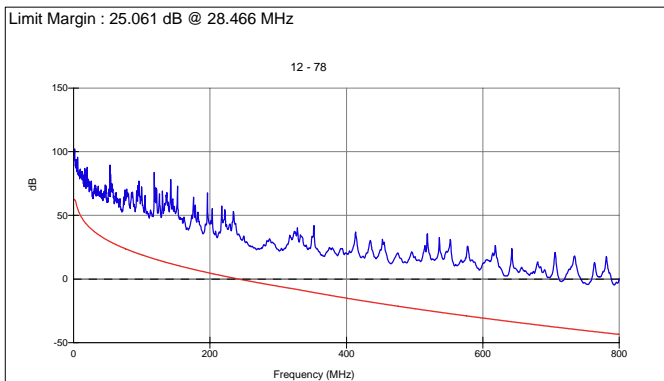
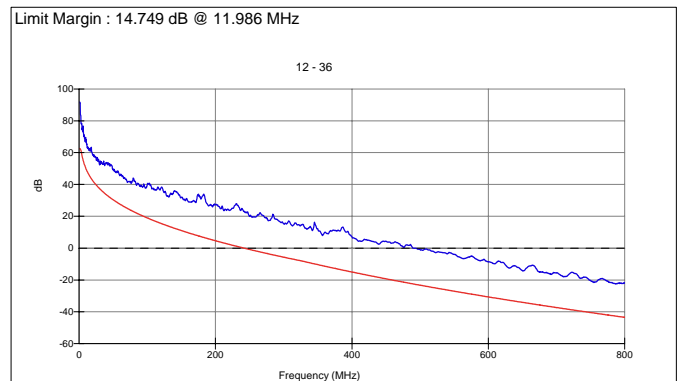
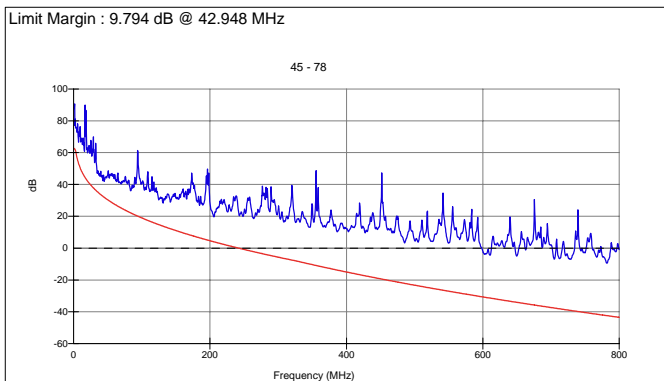
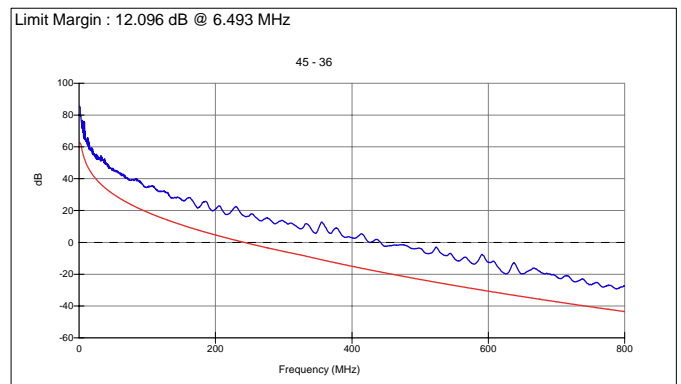
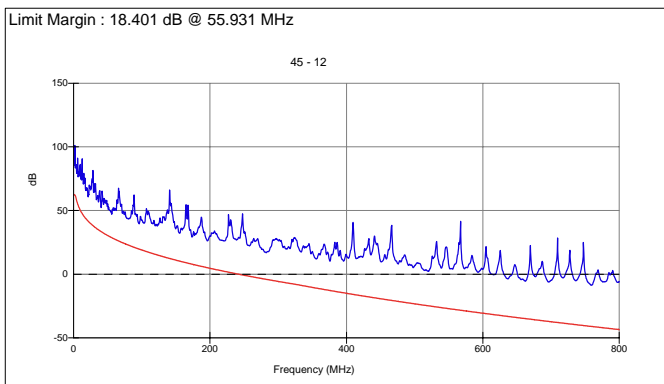
Limit Margin : 14.886 dB @ 2.998 MHz





## ACR - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

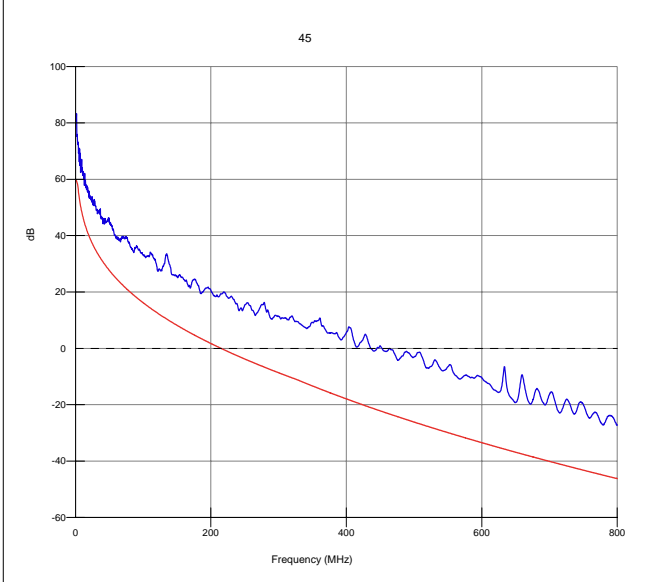




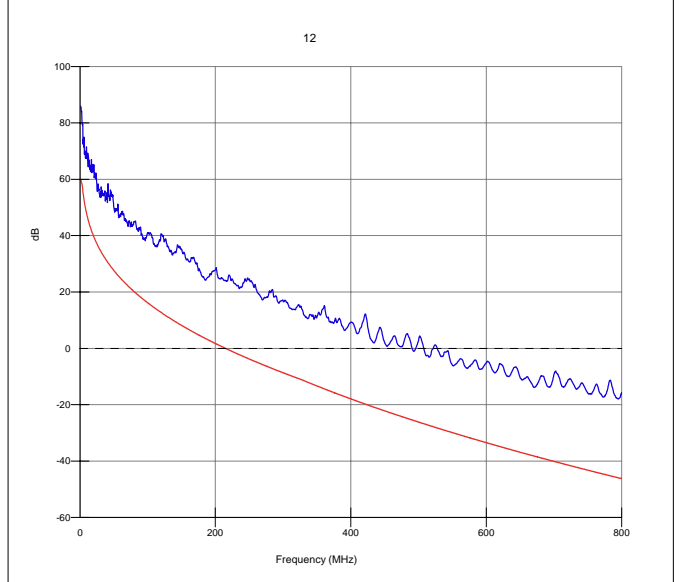
## PSACR - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

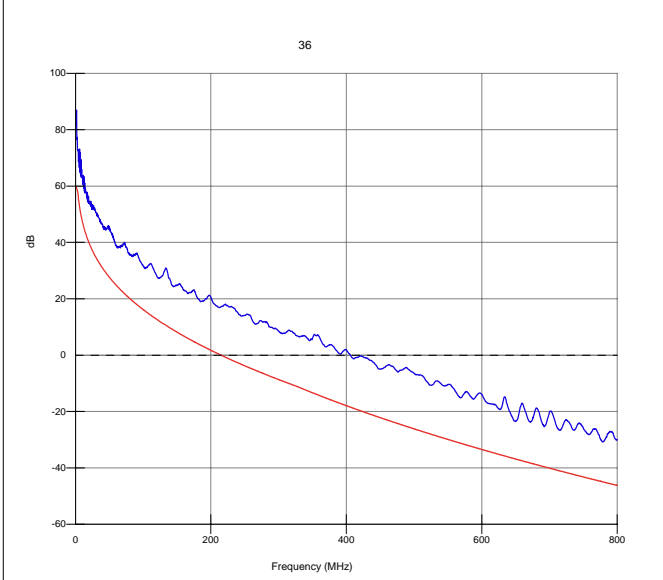
Limit Margin : 11.962 dB @ 7.492 MHz



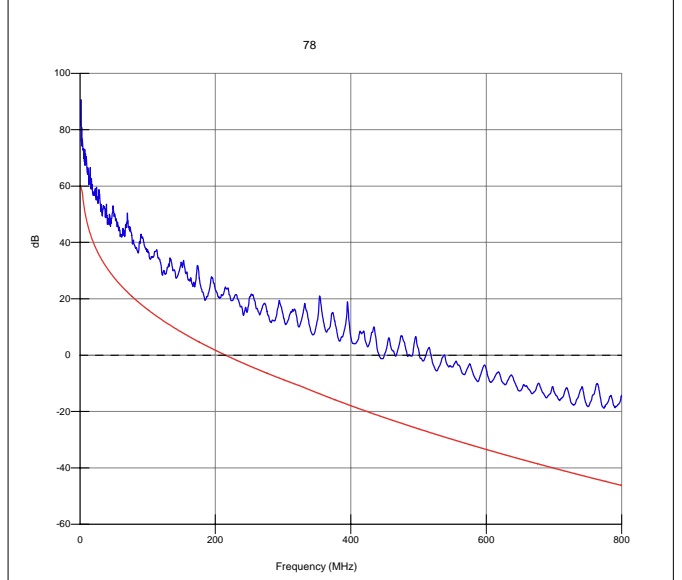
Limit Margin : 17.024 dB @ 6.493 MHz



Limit Margin : 13.011 dB @ 6.493 MHz



Limit Margin : 15.746 dB @ 12.985 MHz

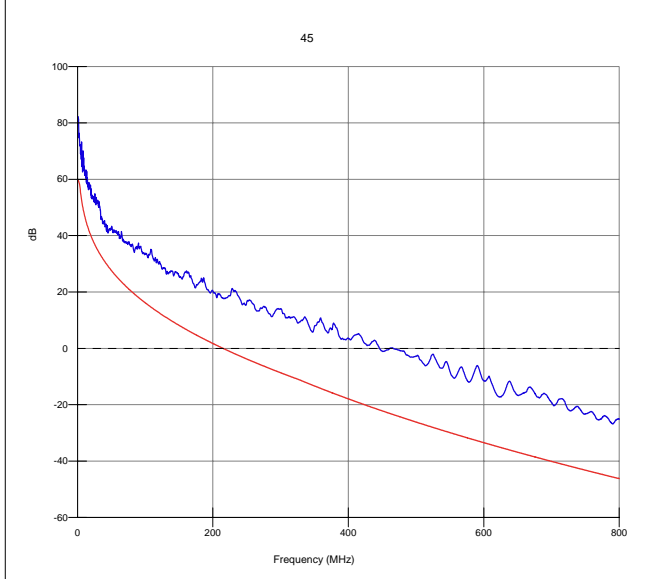




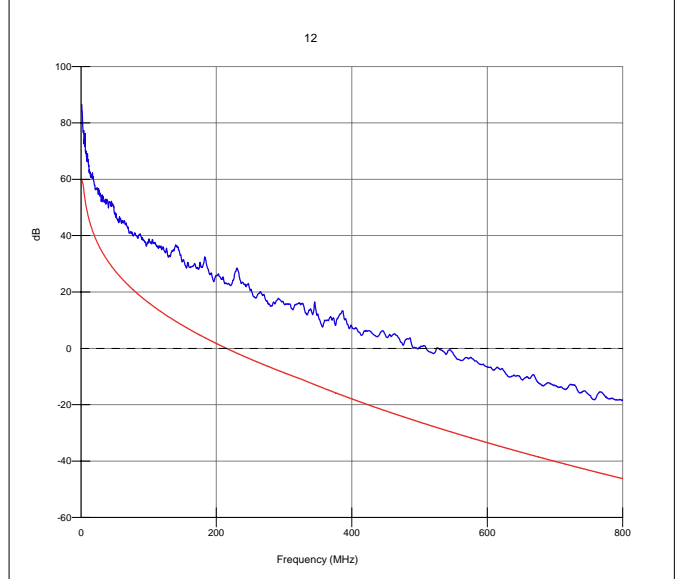
## PSACR - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

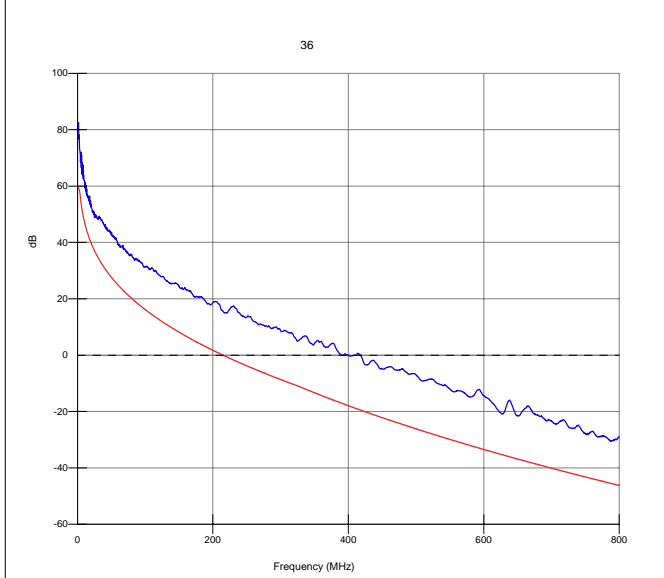
Limit Margin : 11.584 dB @ 42.948 MHz



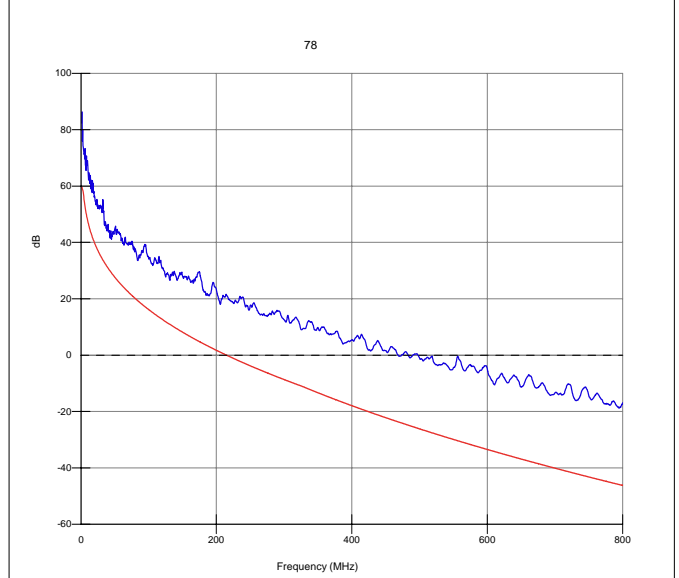
Limit Margin : 16.768 dB @ 11.986 MHz



Limit Margin : 11.791 dB @ 24.970 MHz



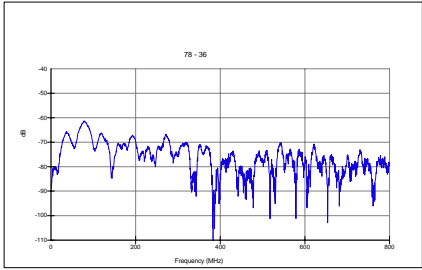
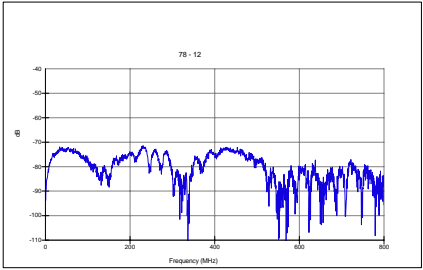
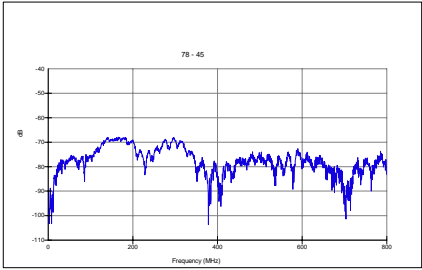
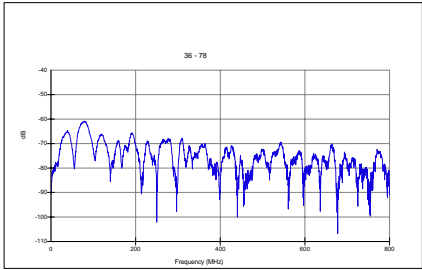
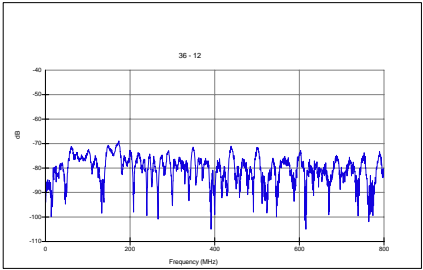
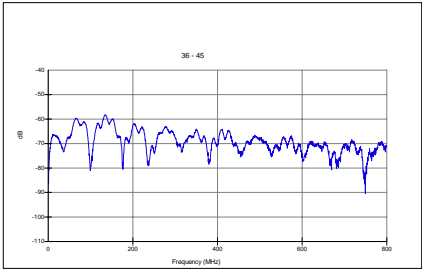
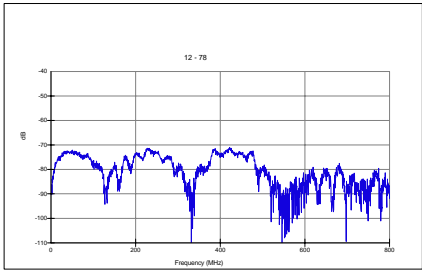
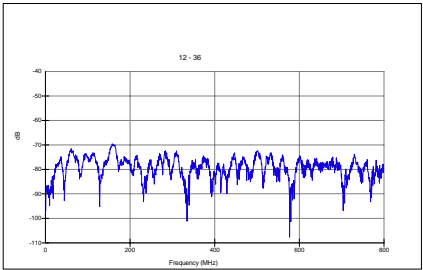
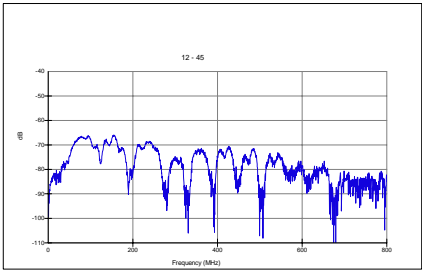
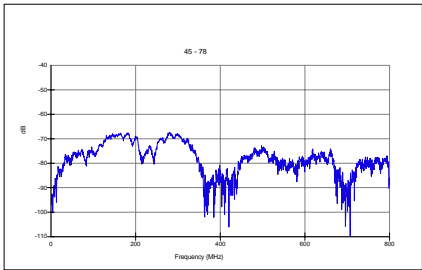
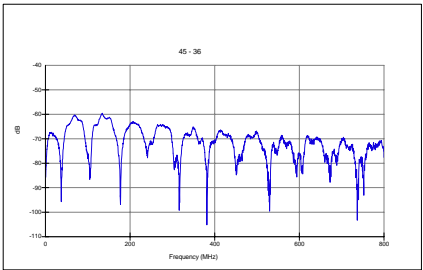
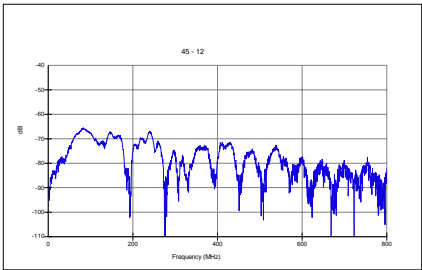
Limit Margin : 11.691 dB @ 42.948 MHz





FEXT - Near End

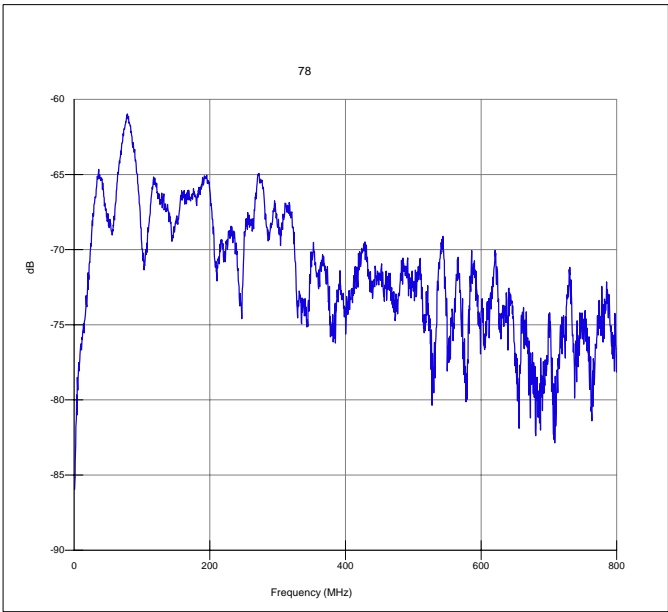
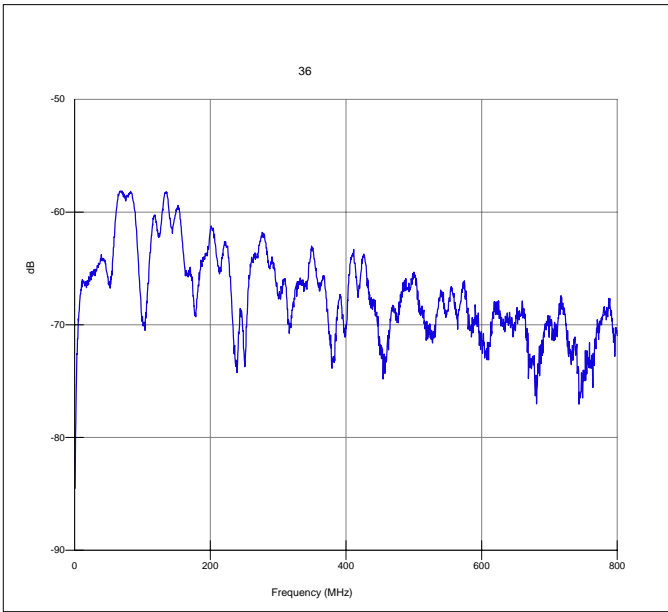
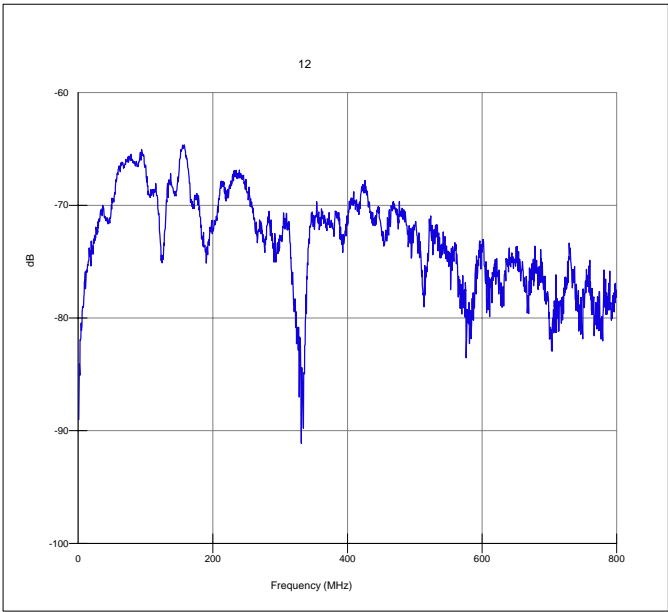
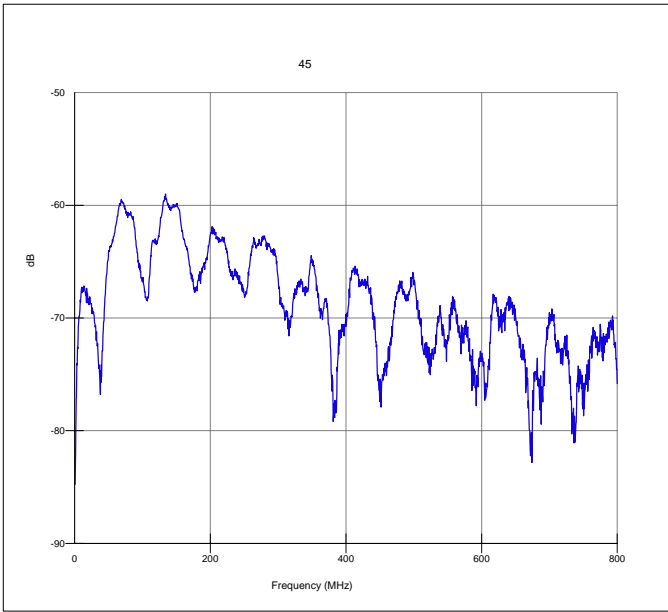
Client	Schneider Electric India	Report No	102207890CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





PSFEXT - Near End

Client	Schneider Electric India	Report No	102207890CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

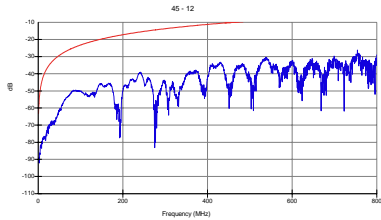




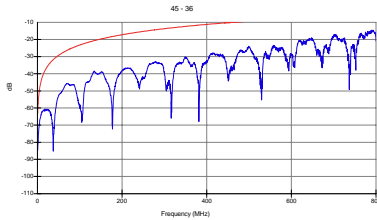
## ACRF (ELFEXT) - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

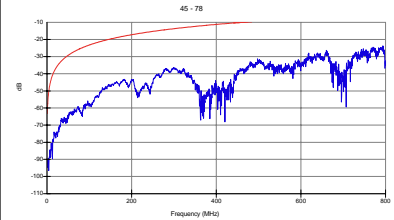
Limit Margin : 23.390 dB @ 241.199 MHz



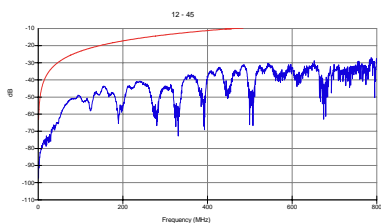
Limit Margin : 10.707 dB @ 703.621 MHz



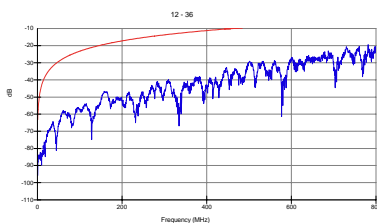
Limit Margin : 22.630 dB @ 299.127 MHz



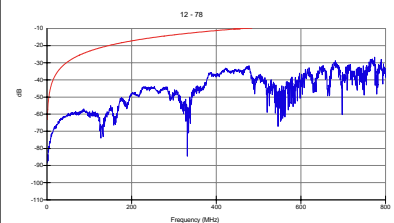
Limit Margin : 24.160 dB @ 155.307 MHz



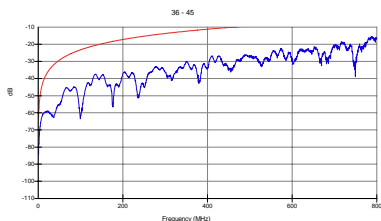
Limit Margin : 27.385 dB @ 157.804 MHz



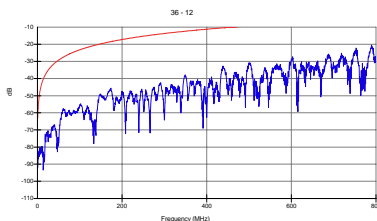
Limit Margin : 22.630 dB @ 299.127 MHz



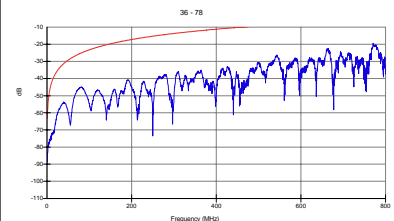
Limit Margin : 10.089 dB @ 787.516 MHz



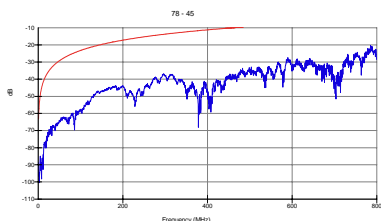
Limit Margin : 27.120 dB @ 173.784 MHz



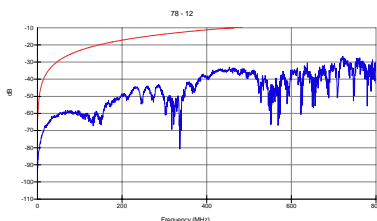
Limit Margin : 17.718 dB @ 541.823 MHz



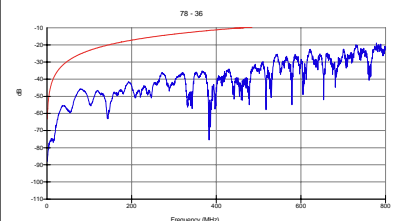
Limit Margin : 23.040 dB @ 295.631 MHz



Limit Margin : 23.040 dB @ 295.631 MHz



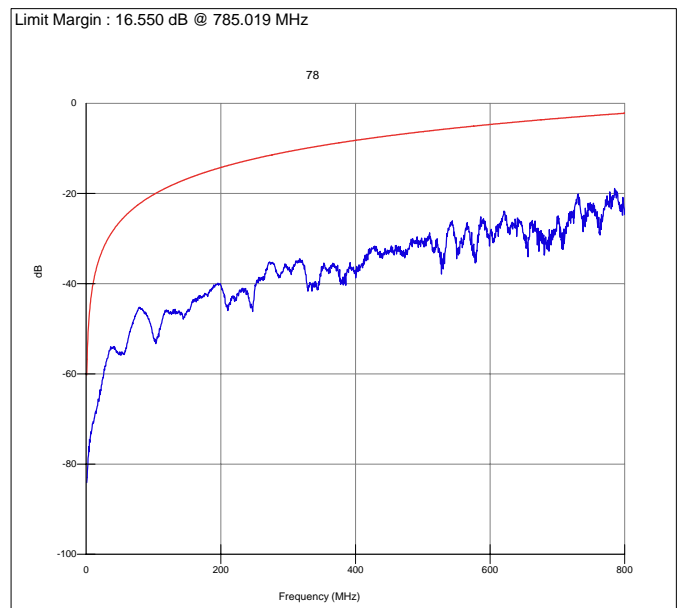
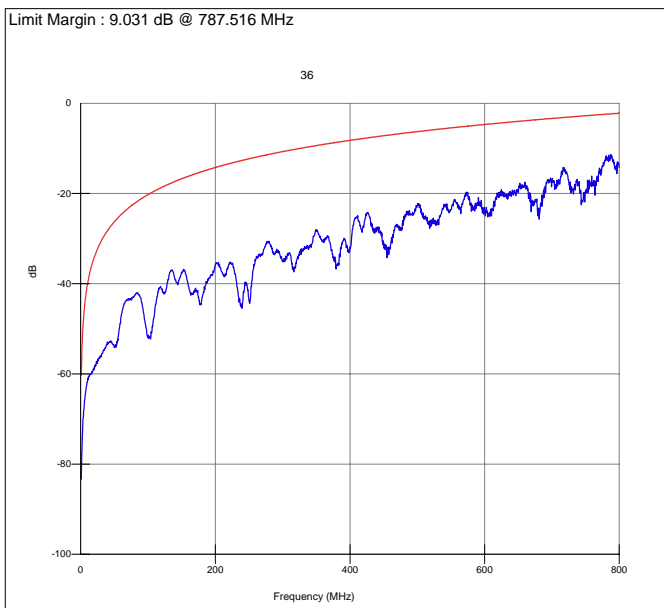
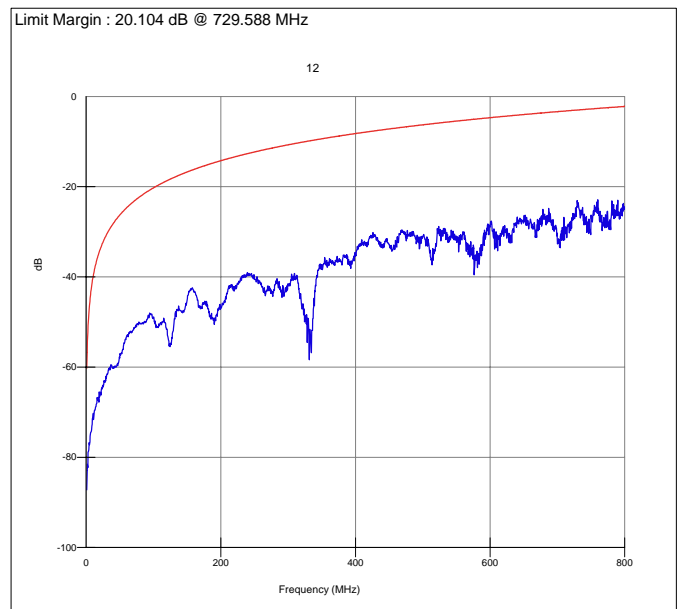
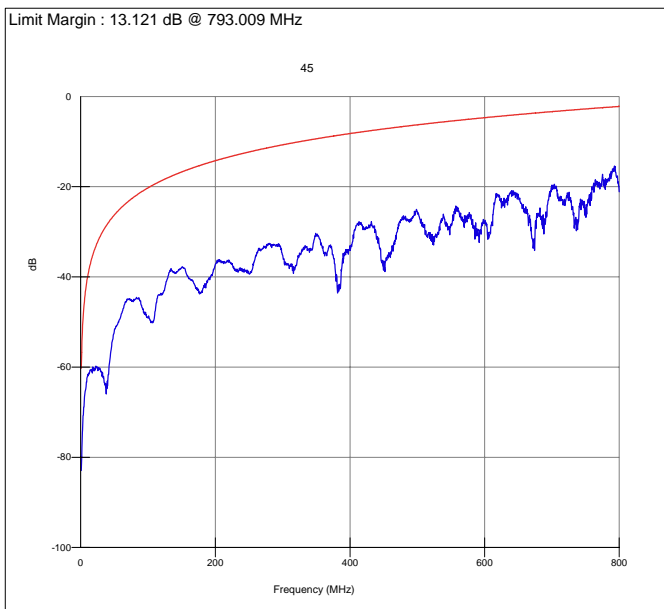
Limit Margin : 20.294 dB @ 78.903 MHz





## PSACRF (PSELFEXT) - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

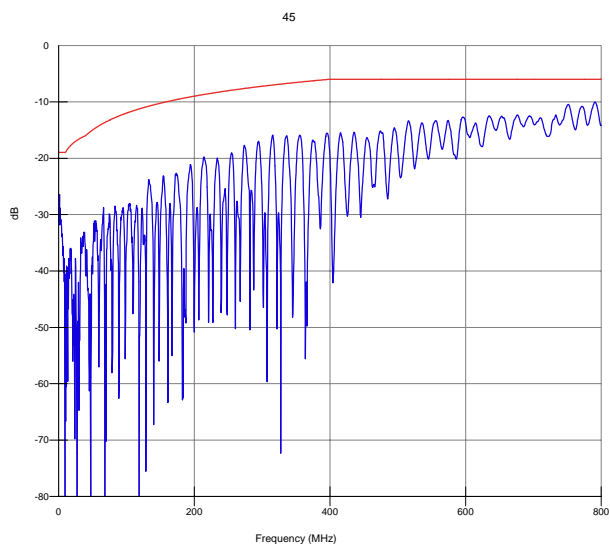




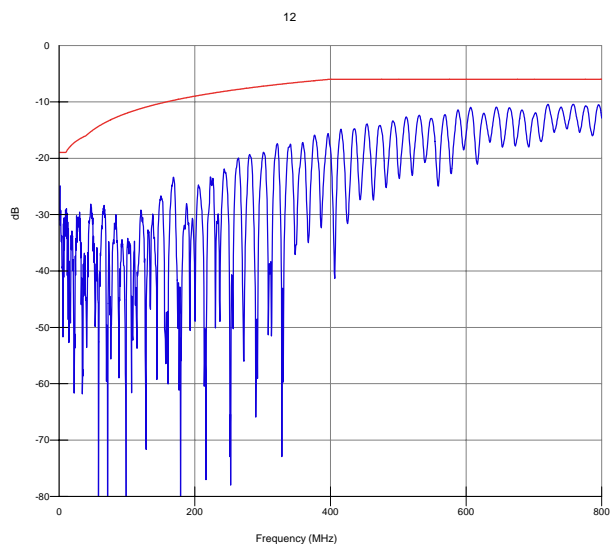
## Return Loss - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

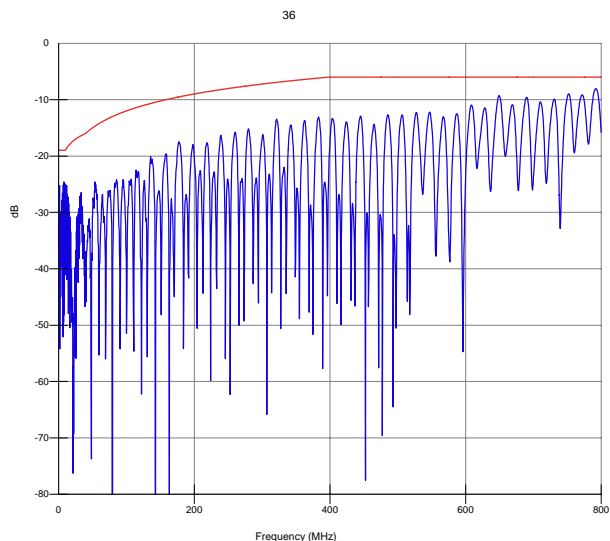
Limit Margin : 4.034 dB @ 791.011 MHz



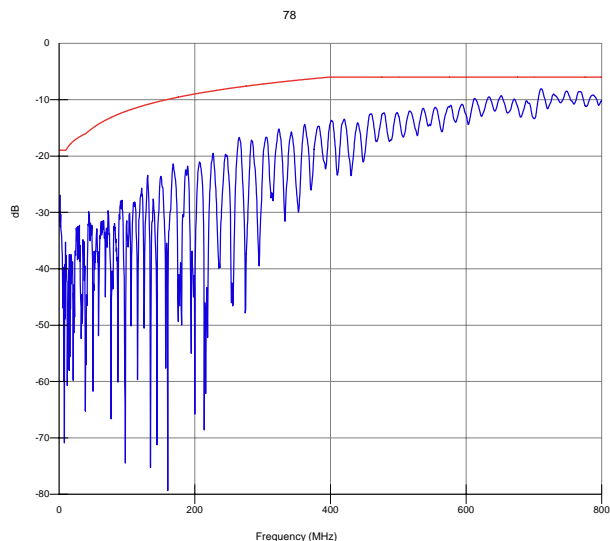
Limit Margin : 4.448 dB @ 758.053 MHz



Limit Margin : 2.056 dB @ 792.010 MHz



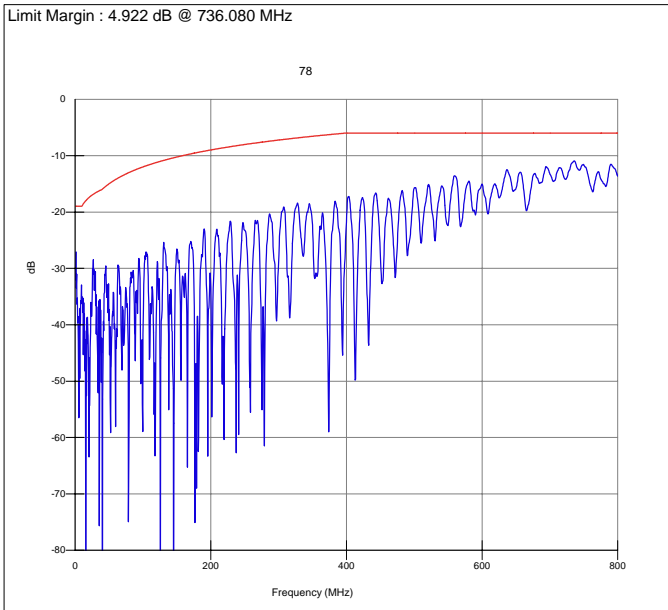
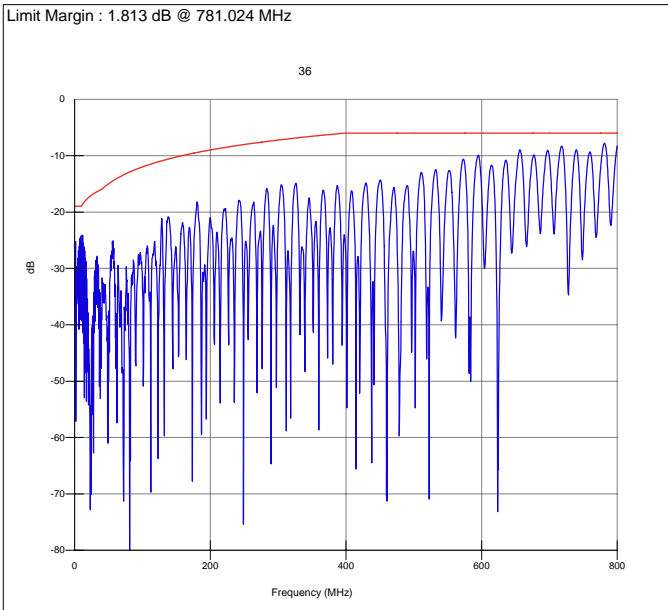
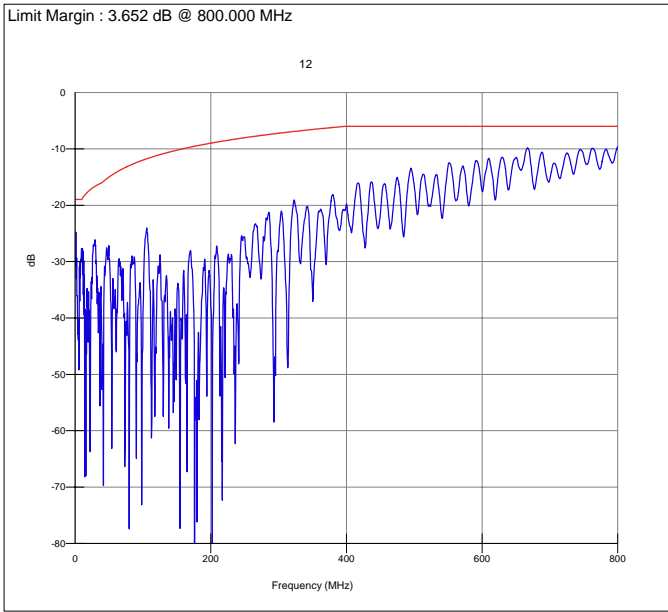
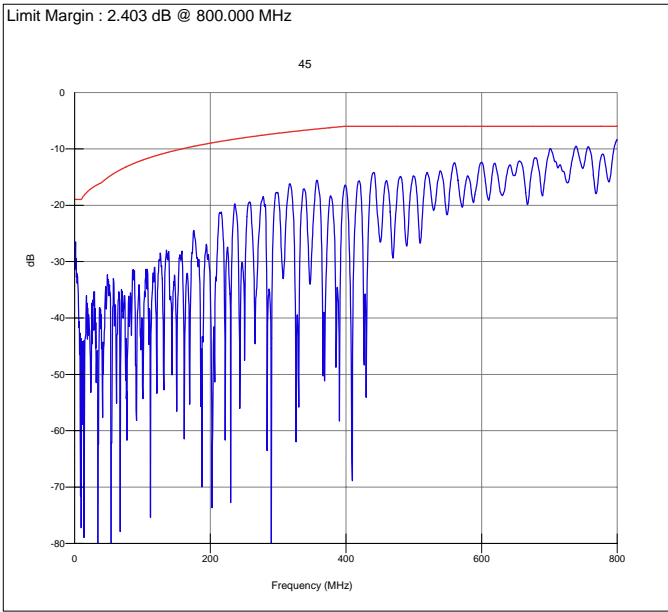
Limit Margin : 2.072 dB @ 710.612 MHz





## Return Loss - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

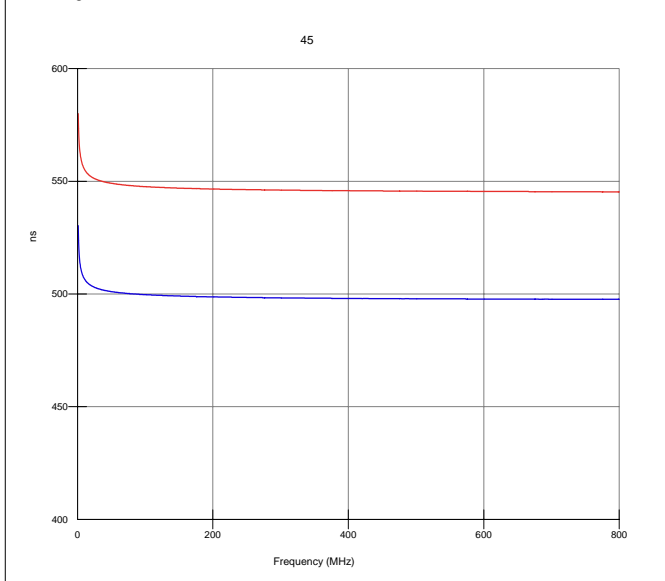




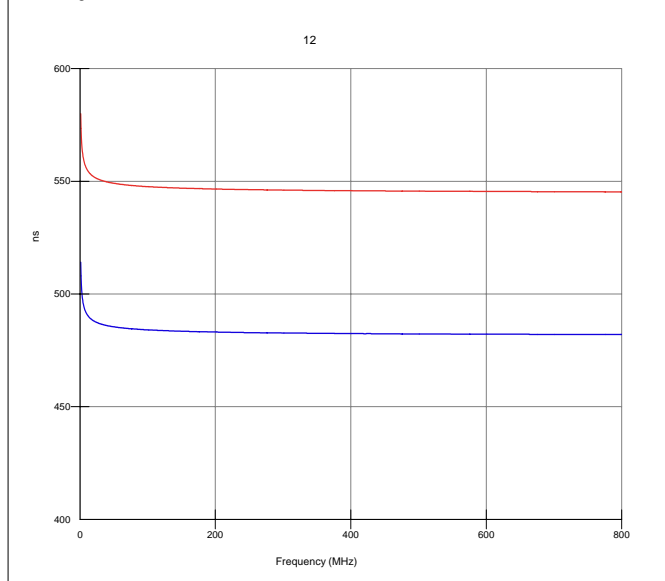
## Propagation Delay - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

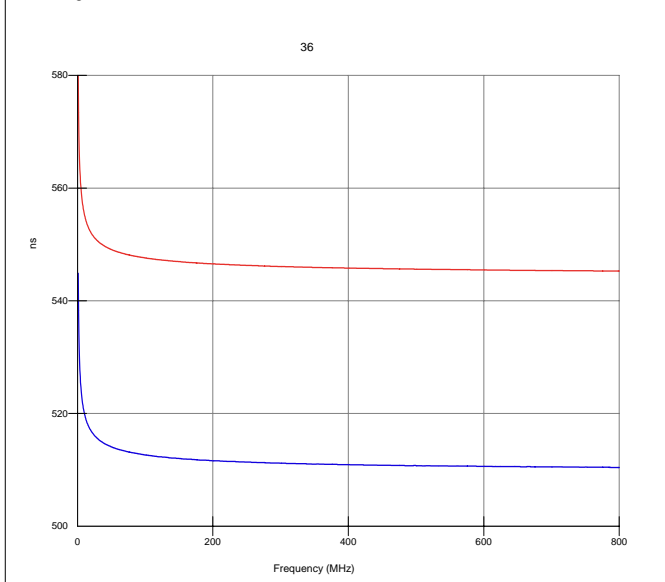
Limit Margin : 47.650 ns @ 785.518 MHz



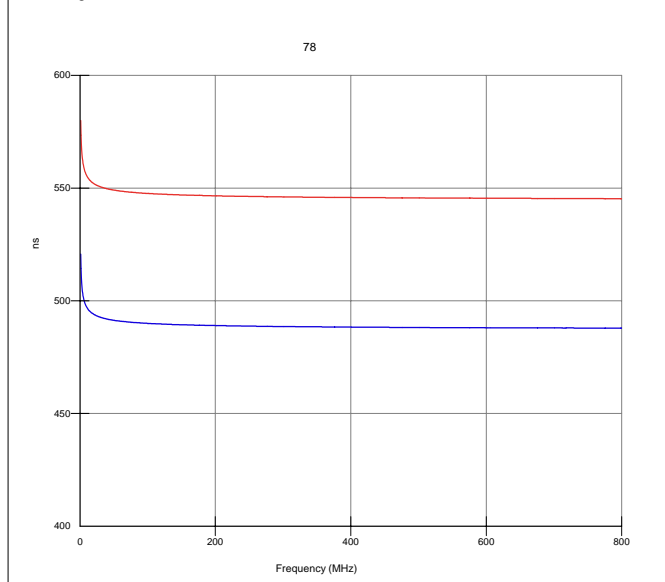
Limit Margin : 63.250 ns @ 798.003 MHz



Limit Margin : 34.810 ns @ 706.617 MHz



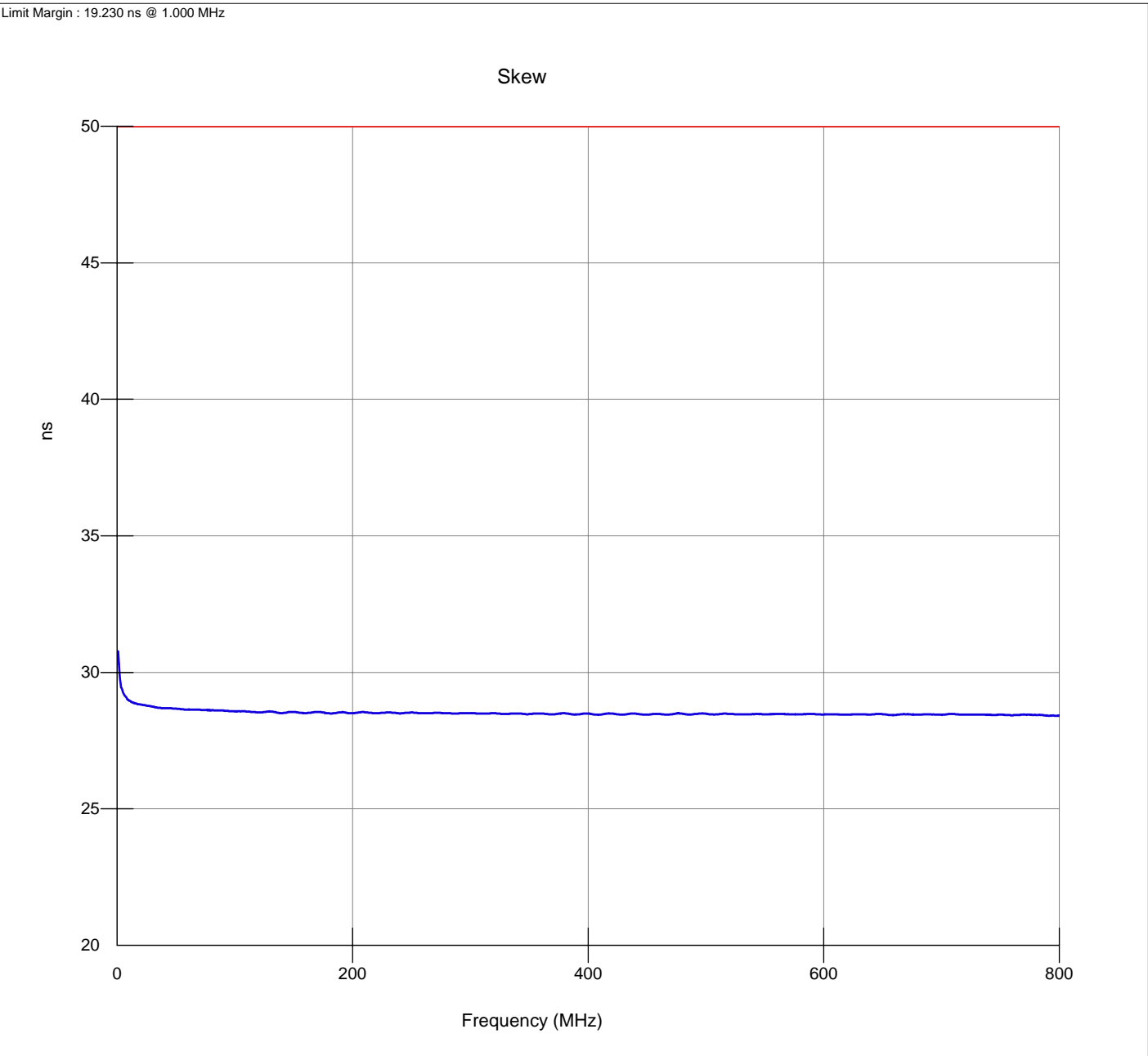
Limit Margin : 57.400 ns @ 785.518 MHz





Propagation Delay Skew - Near End

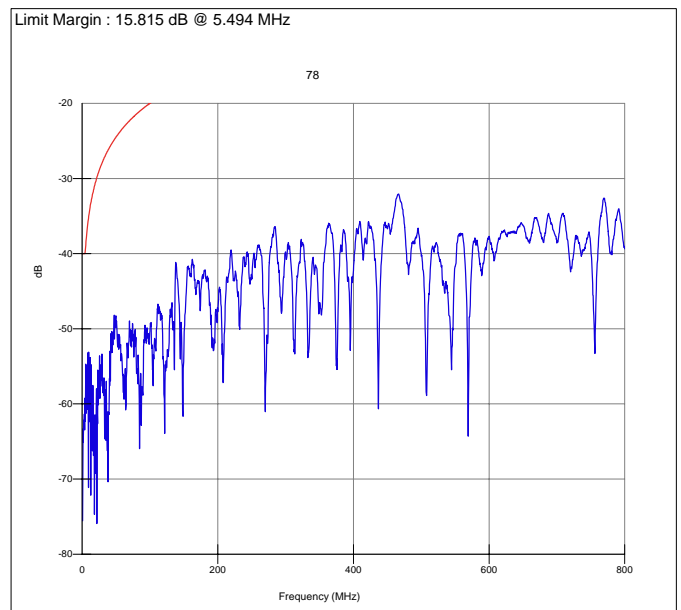
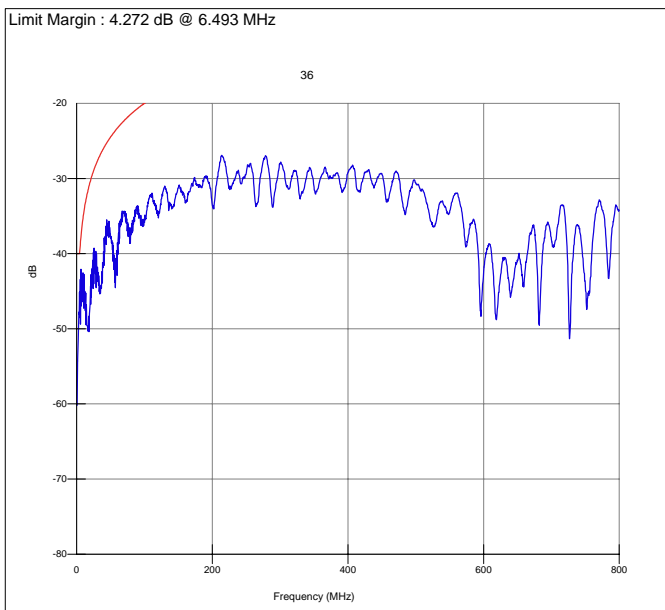
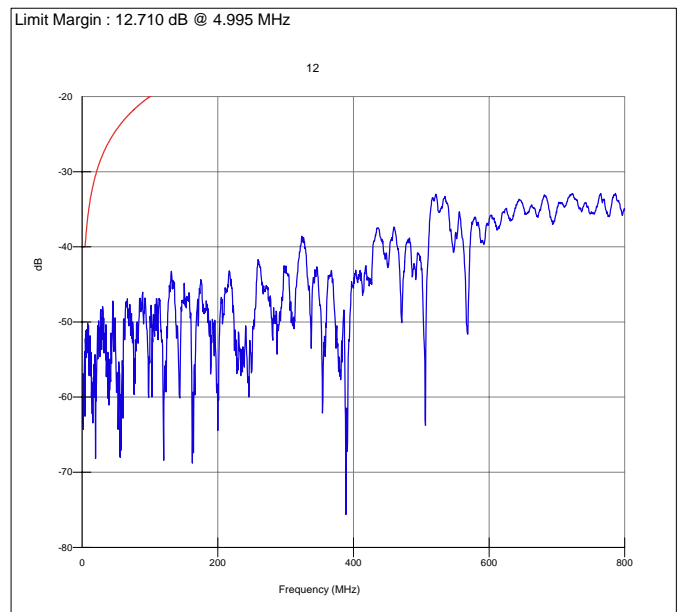
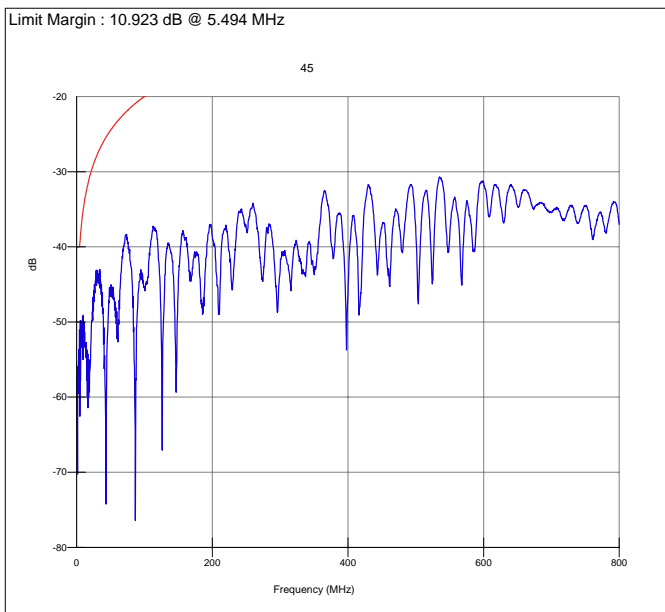
Client	Schneider Electric India	Report No	102207890CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





## TCL - Near End

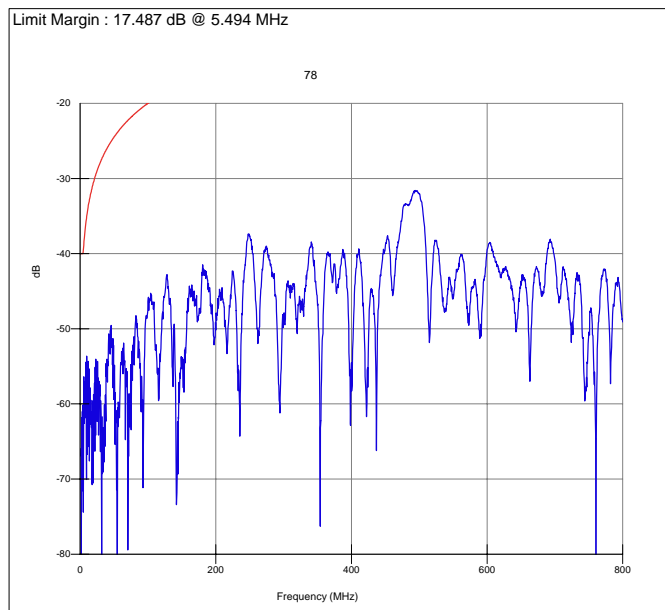
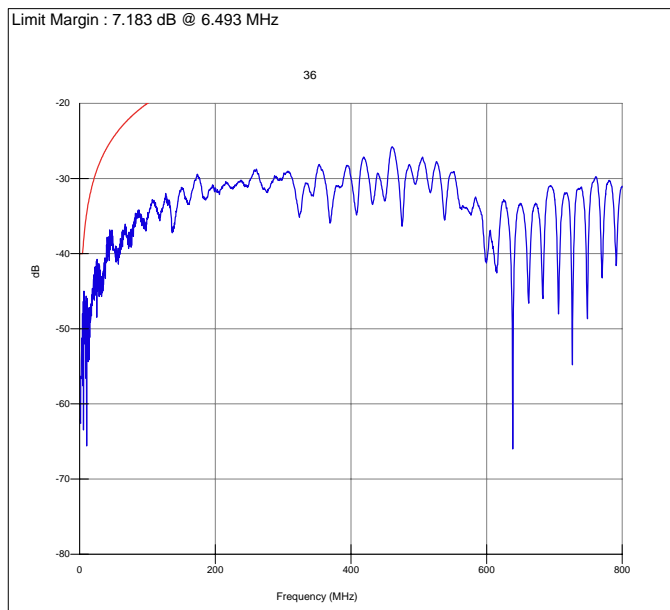
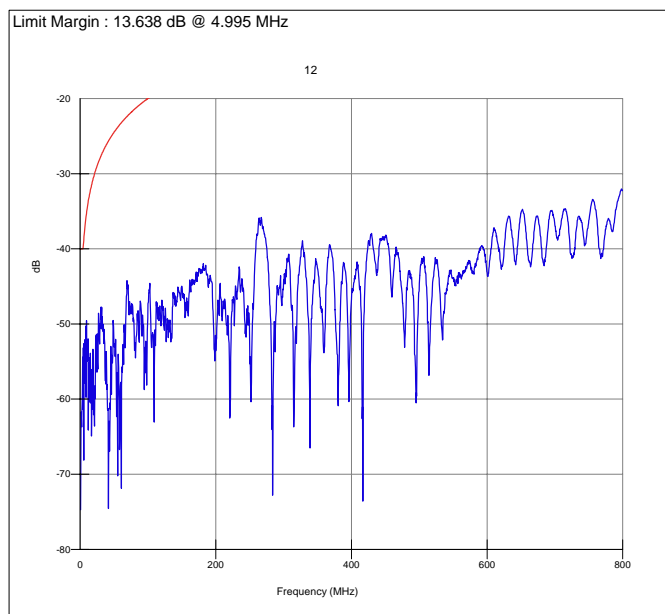
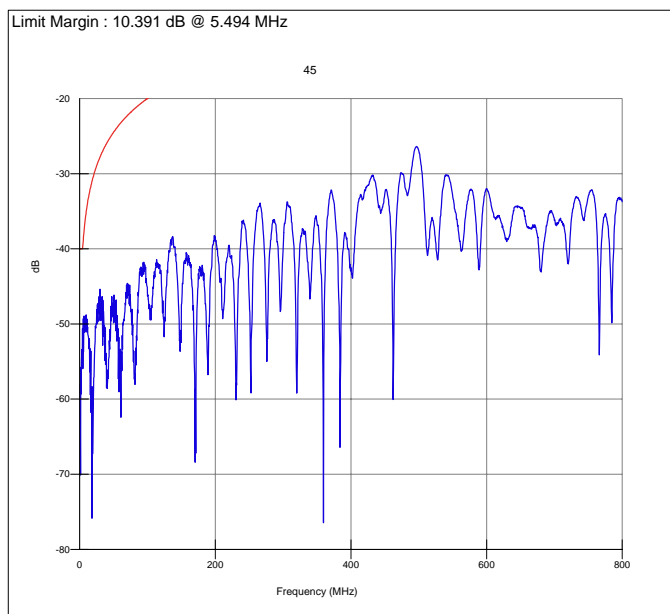
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





## TCL - Far End

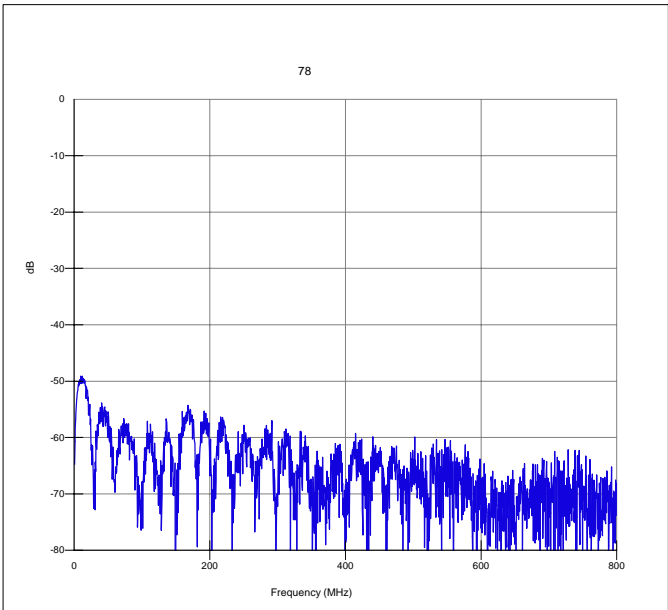
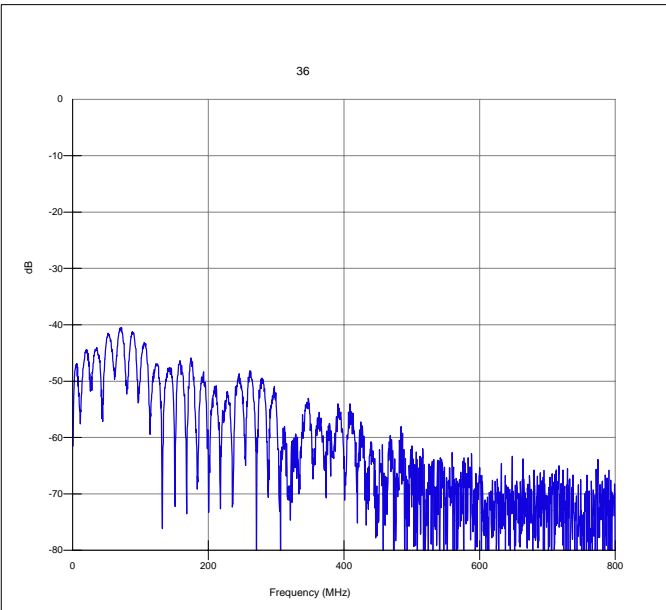
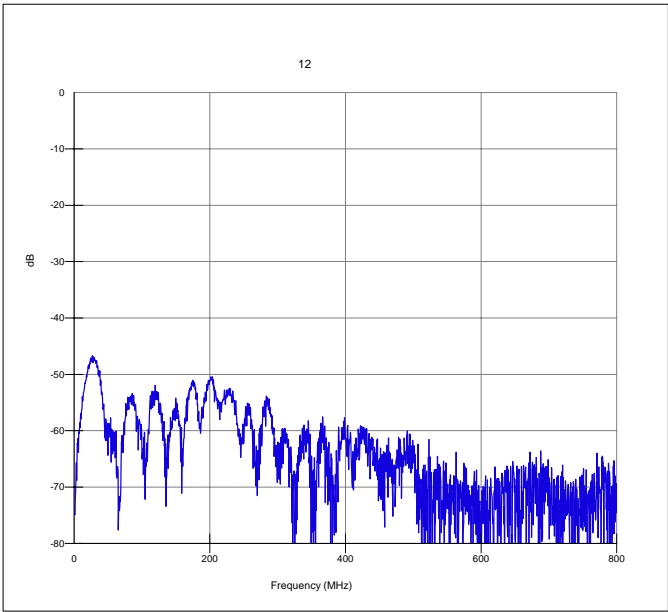
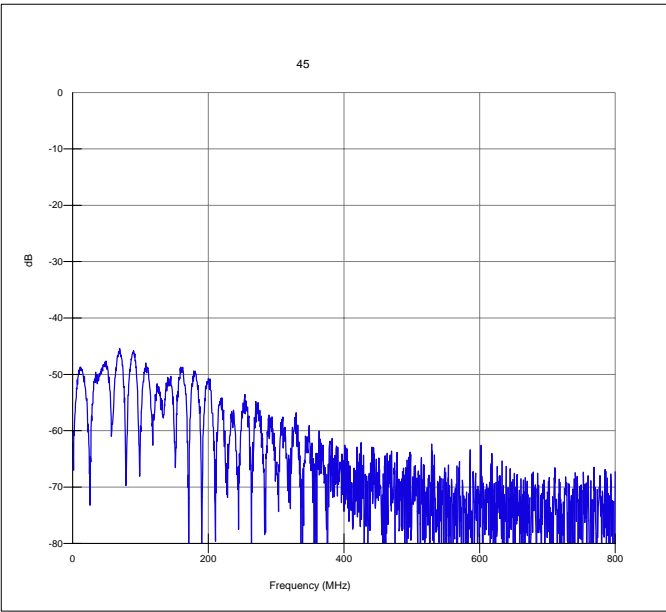
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





TCTL - Near End

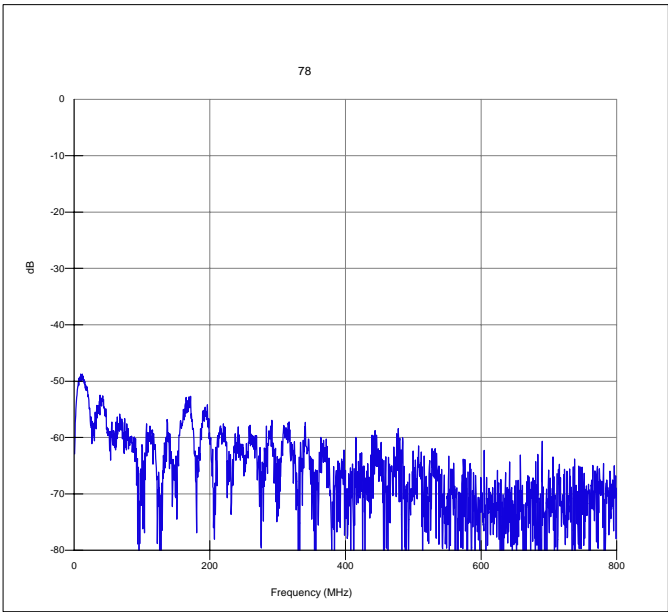
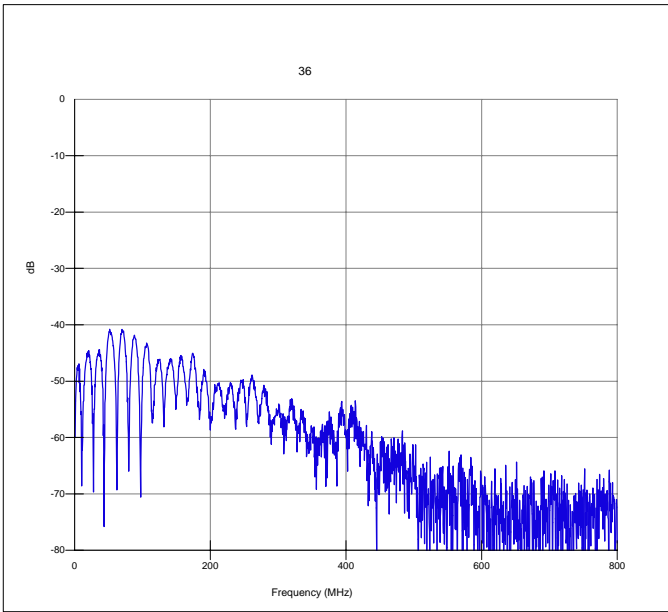
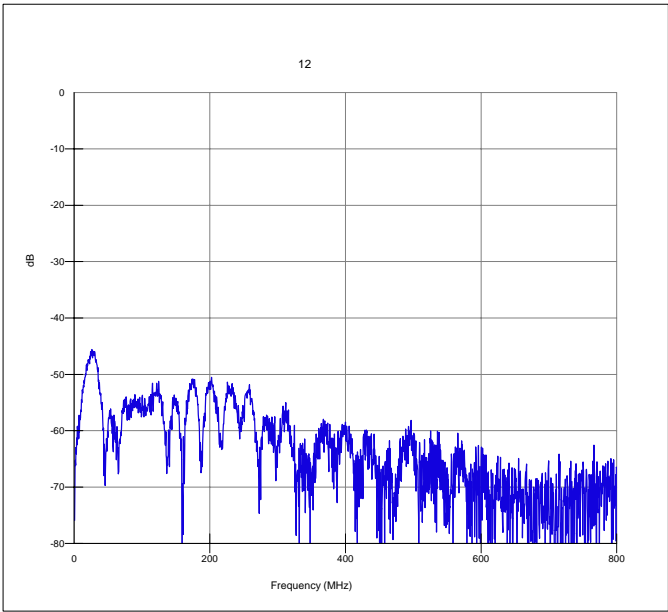
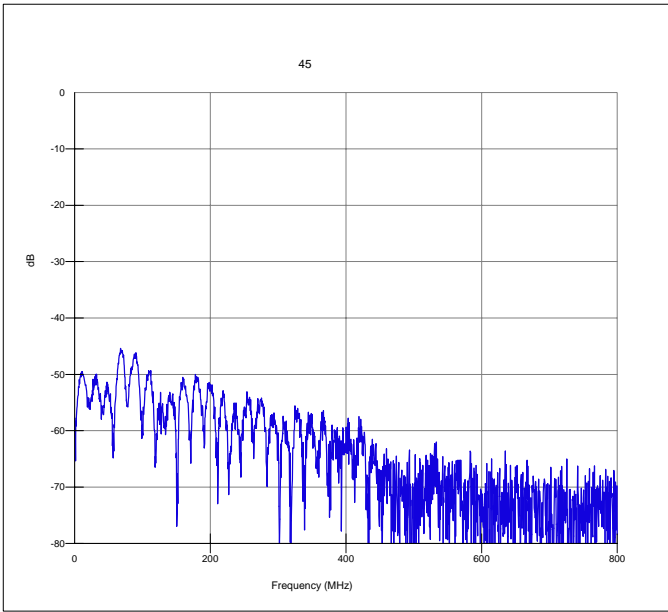
Client	Schneider Electric India	Report No	102207890CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





TCTL - Far End

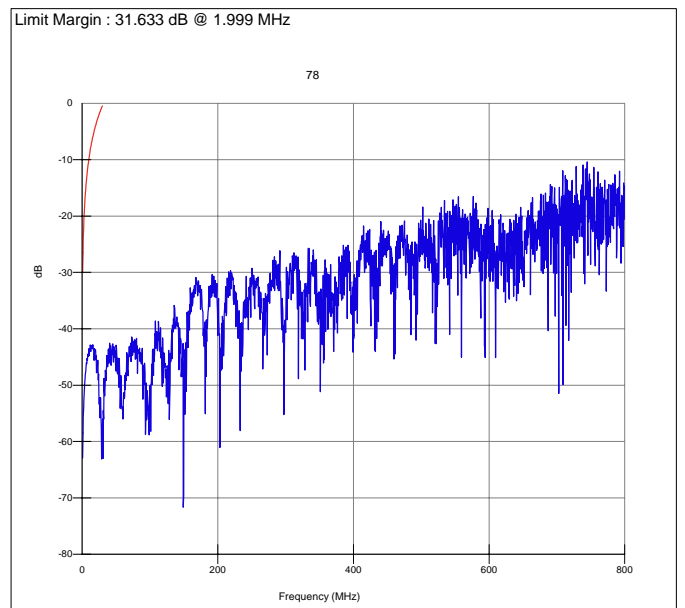
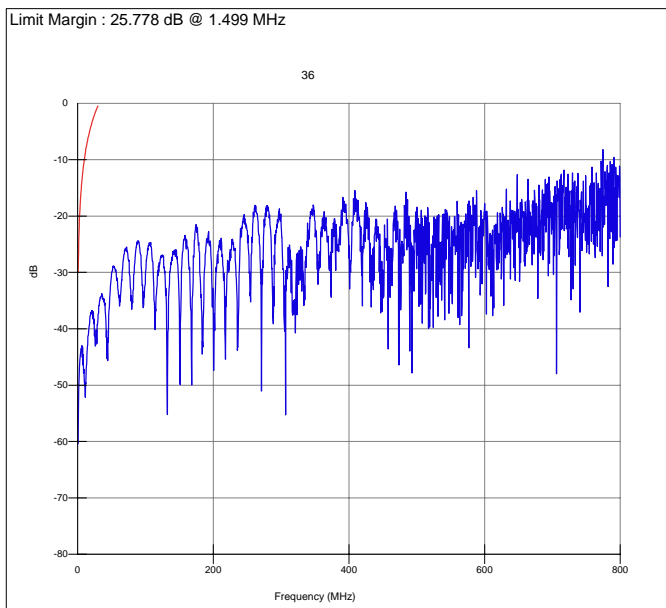
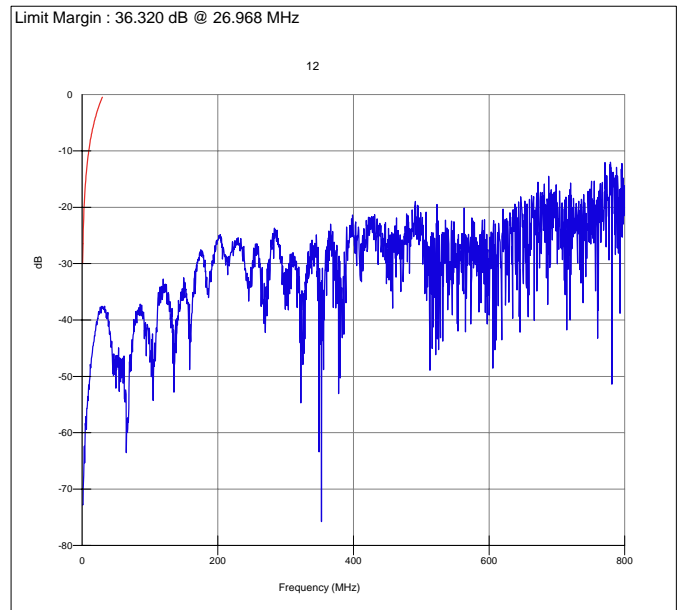
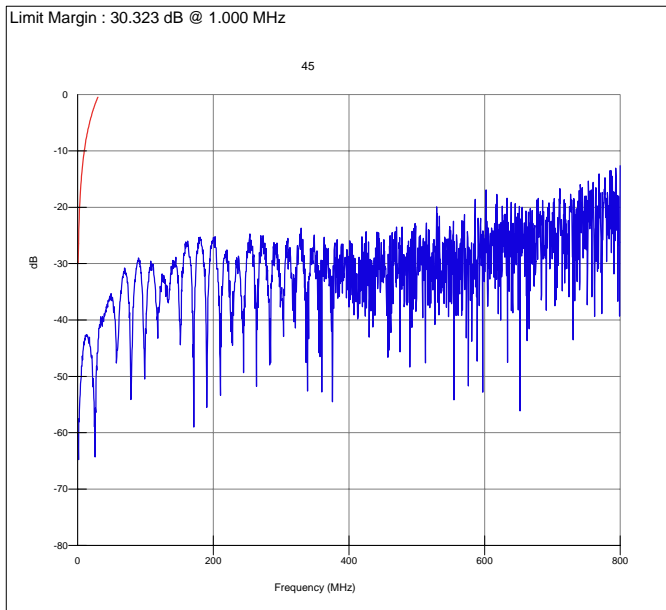
Client	Schneider Electric India	Report No	102207890CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





## ELTCTL - Near End

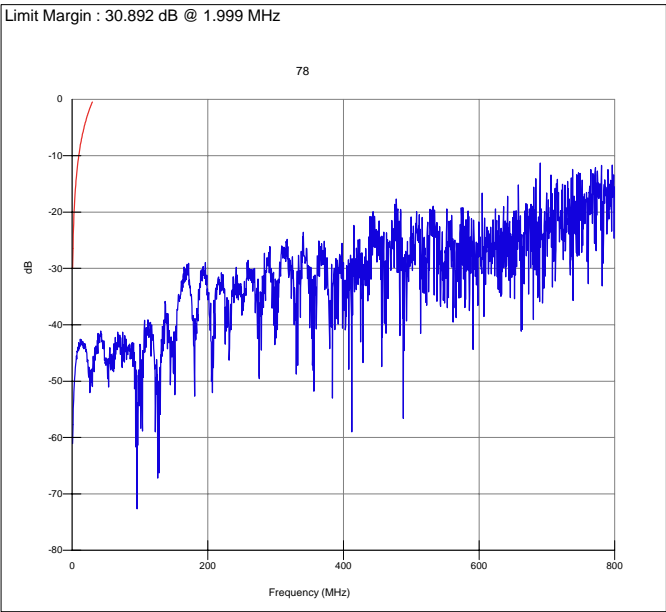
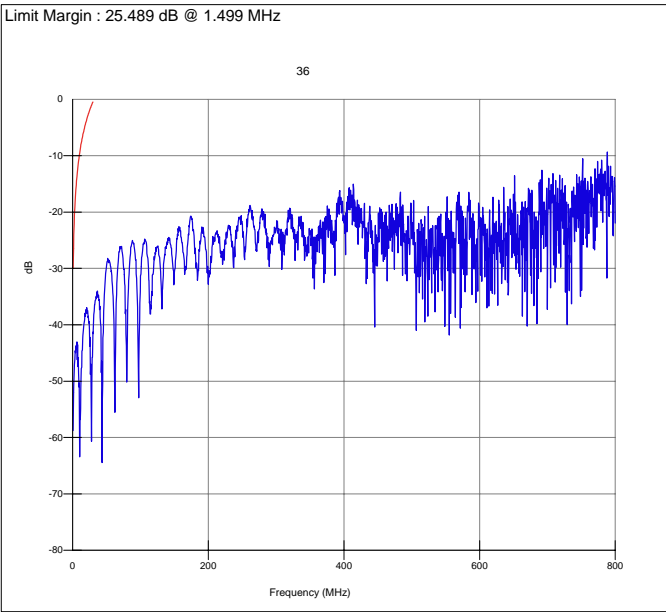
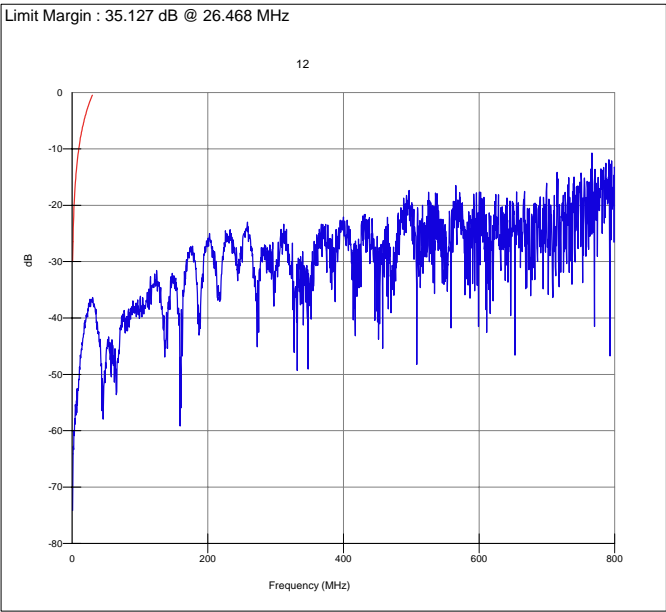
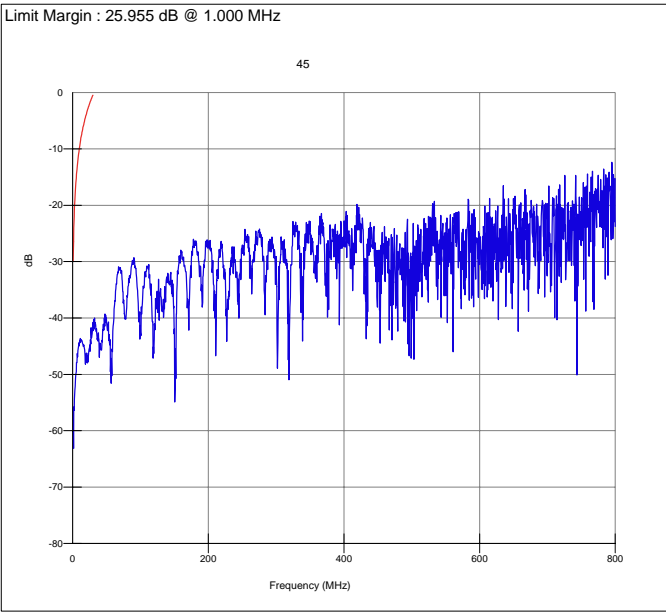
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:27:01 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





ELTCTL - Far End

Client	Schneider Electric India	Report No	102207890CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





Schneider Electric India Pvt. Ltd.,

Test report number 102207890CRT-002a  
September 8, 2015

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## **Appendix B**

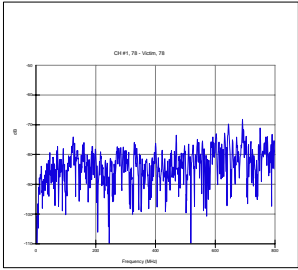
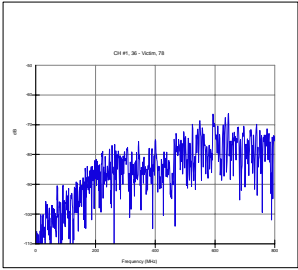
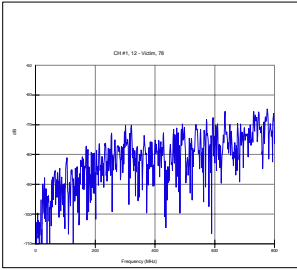
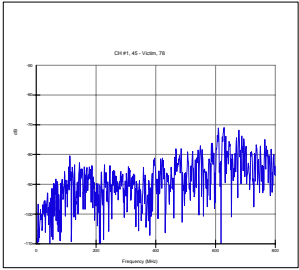
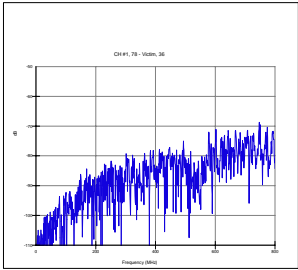
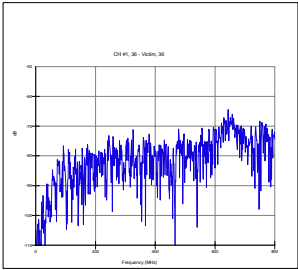
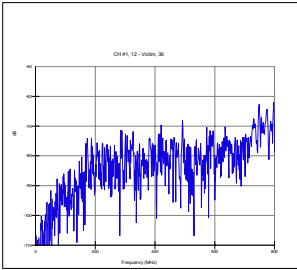
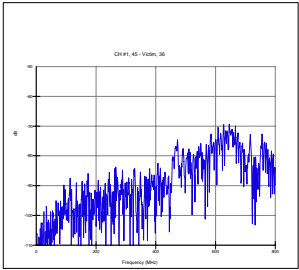
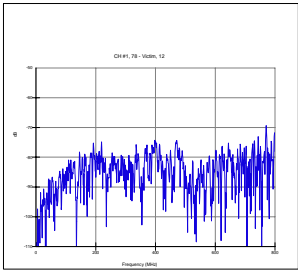
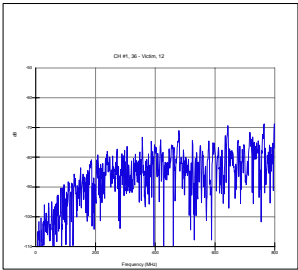
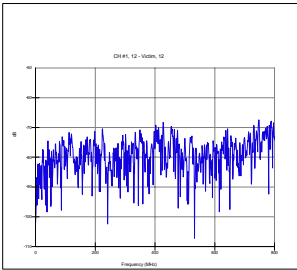
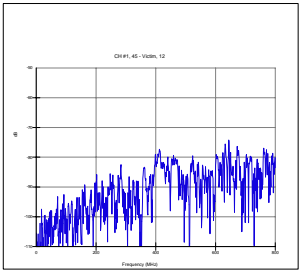
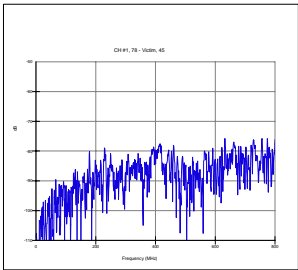
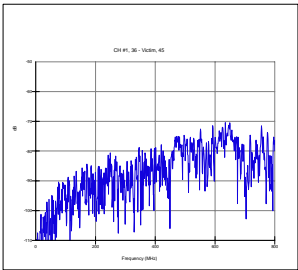
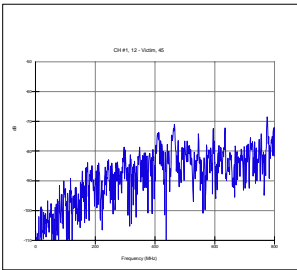
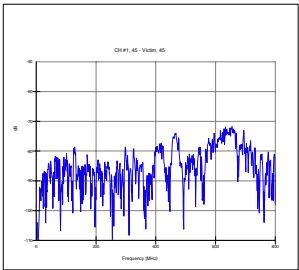
External (alien) test results

This appendix contains 24 pages.



ANEXT - Near End

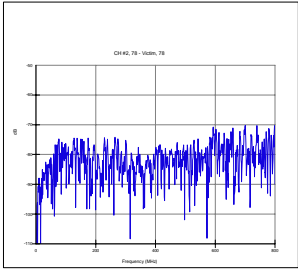
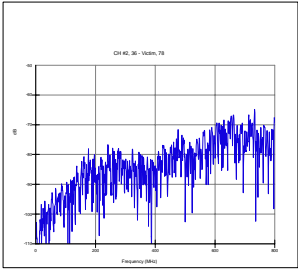
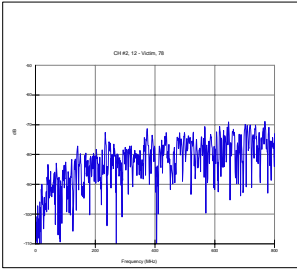
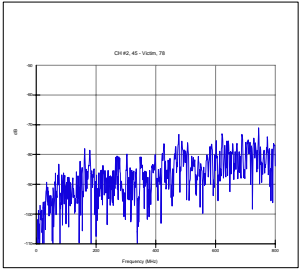
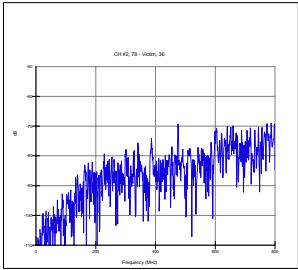
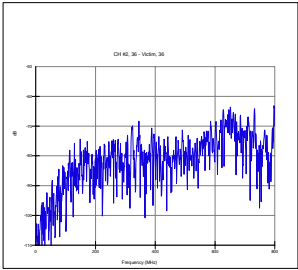
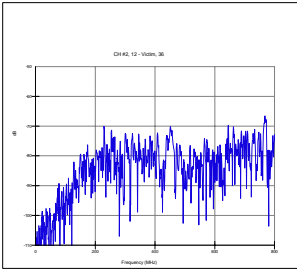
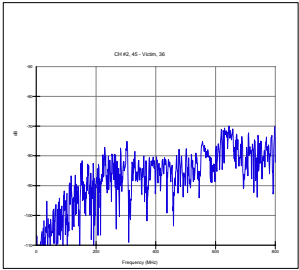
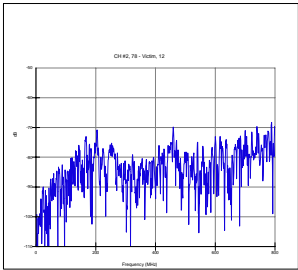
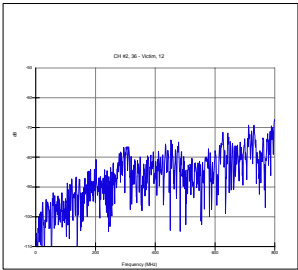
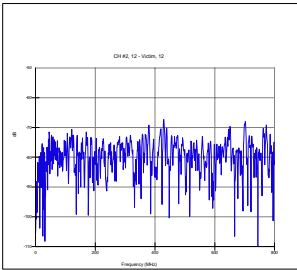
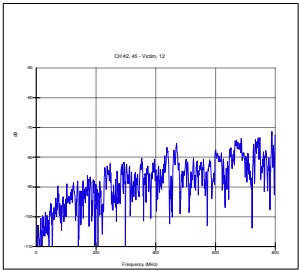
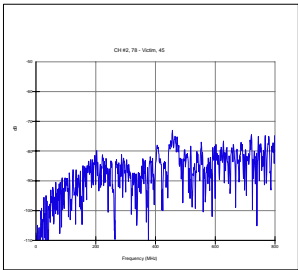
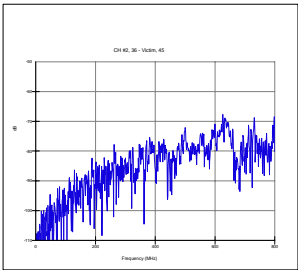
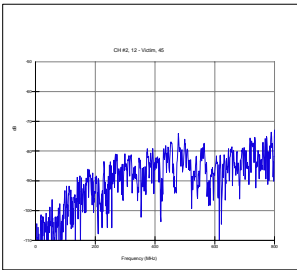
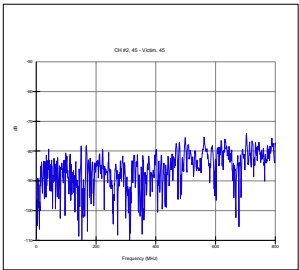
Client	Schneider Electric India	Report No	102207890CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





ANEXT - Near End

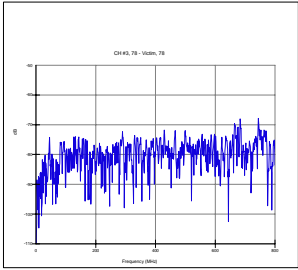
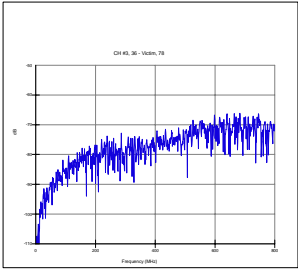
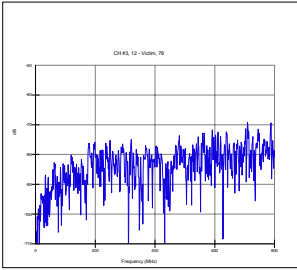
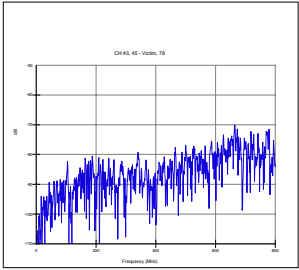
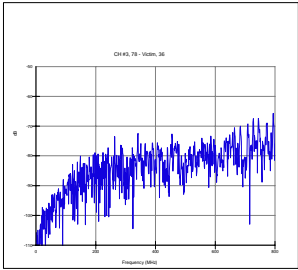
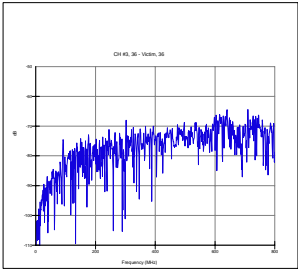
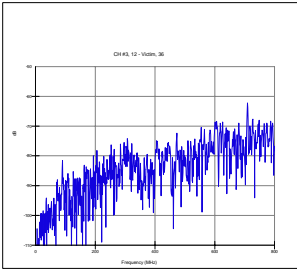
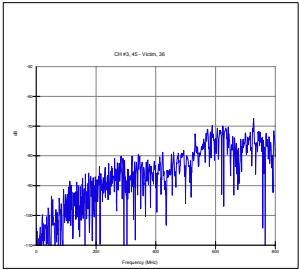
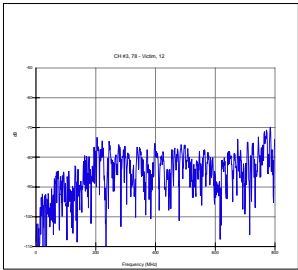
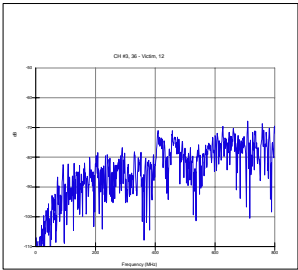
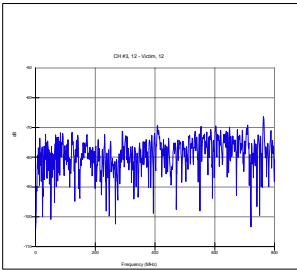
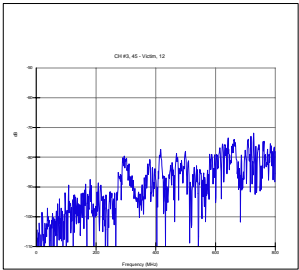
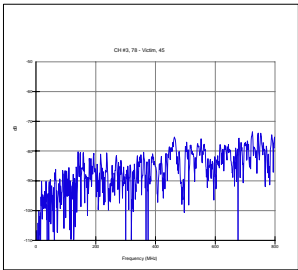
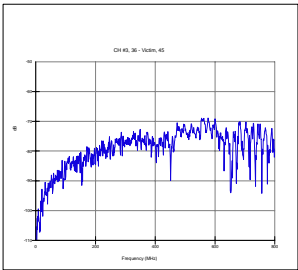
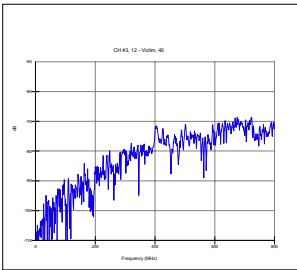
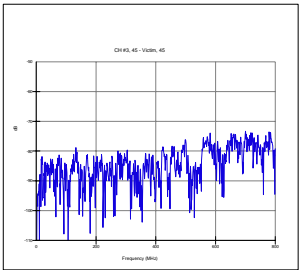
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





ANEXT - Near End

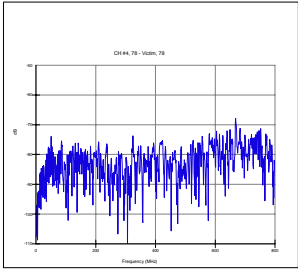
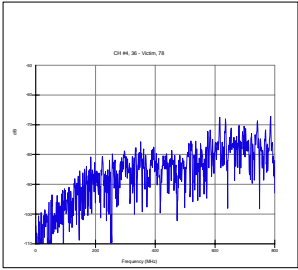
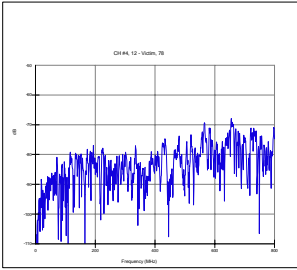
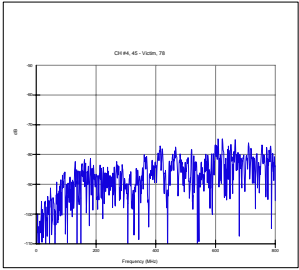
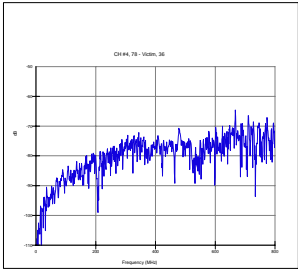
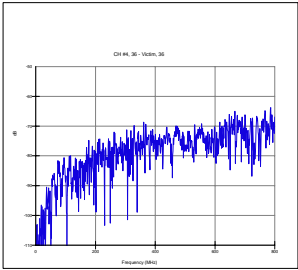
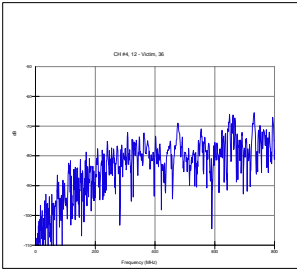
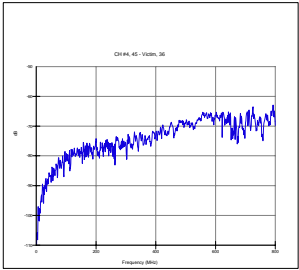
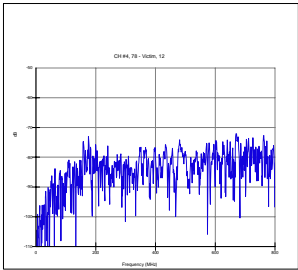
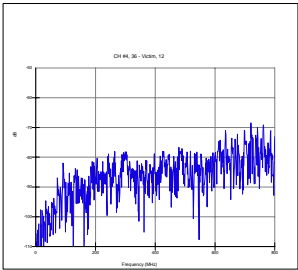
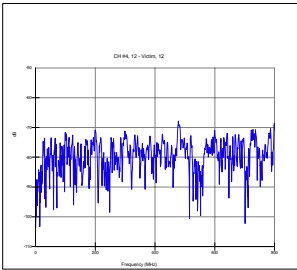
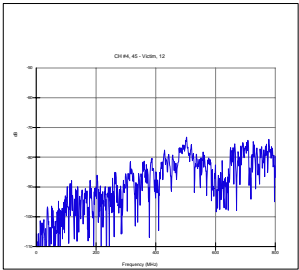
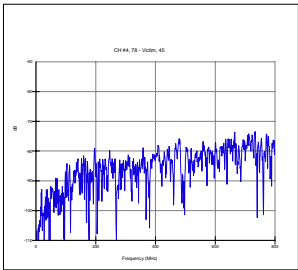
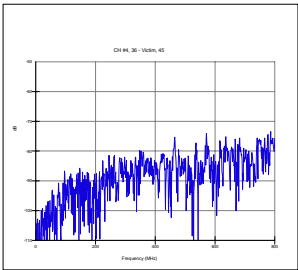
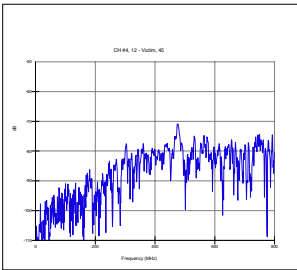
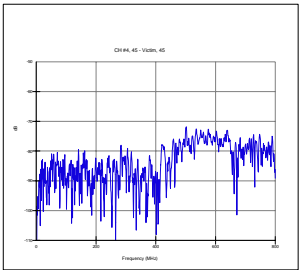
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





ANEXT - Near End

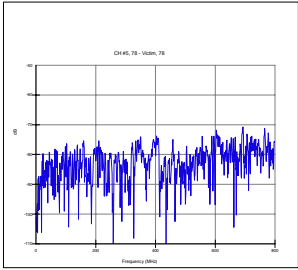
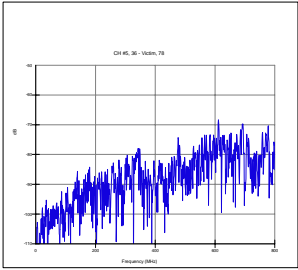
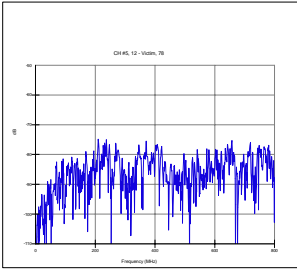
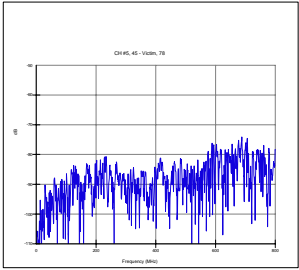
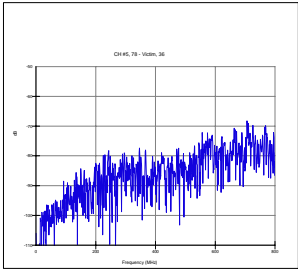
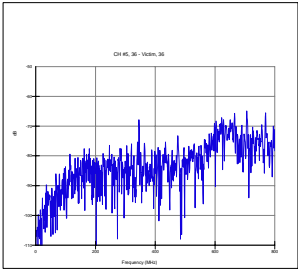
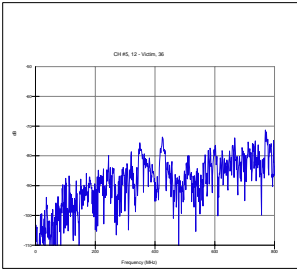
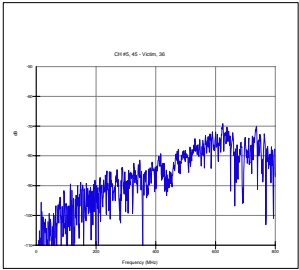
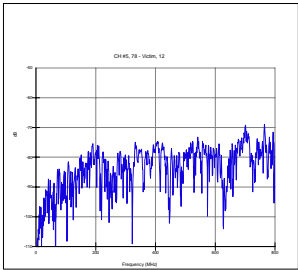
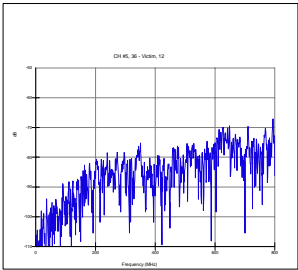
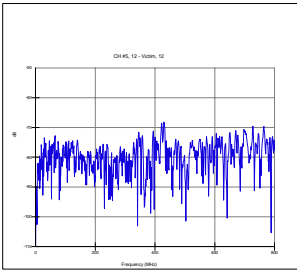
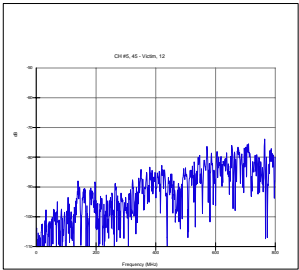
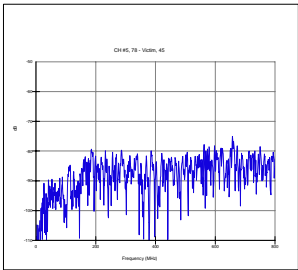
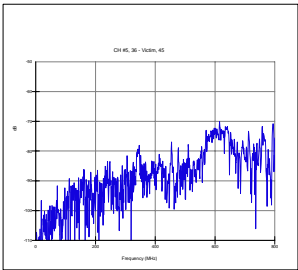
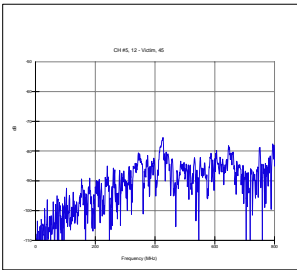
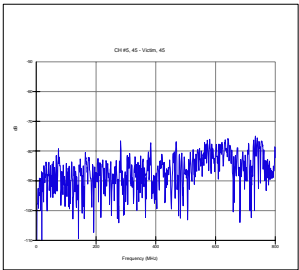
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





ANEXT - Near End

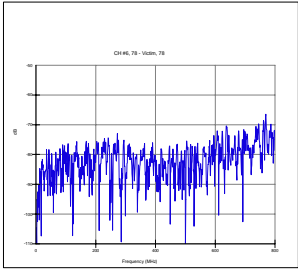
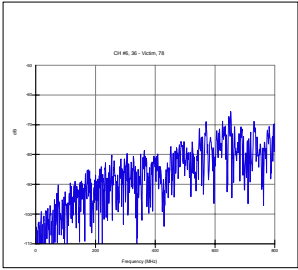
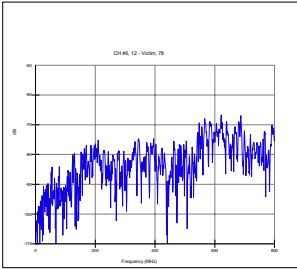
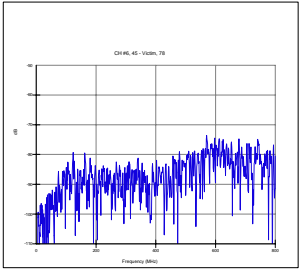
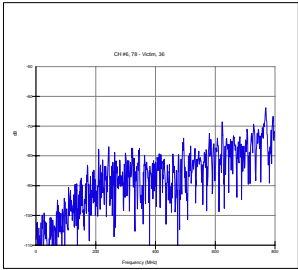
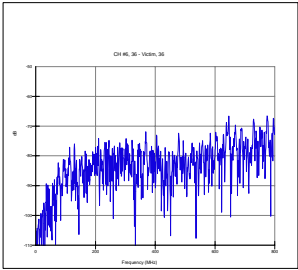
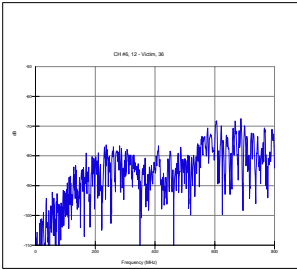
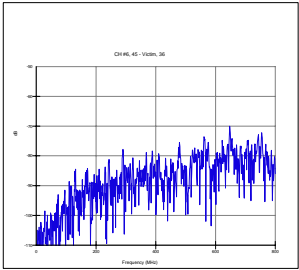
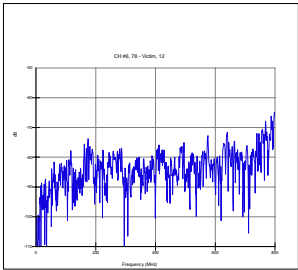
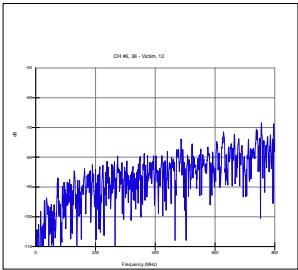
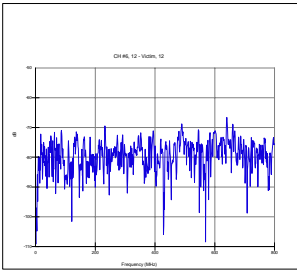
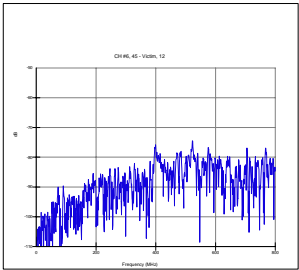
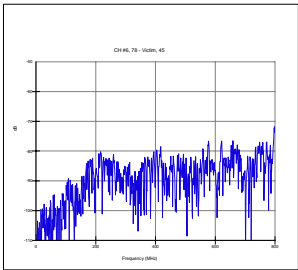
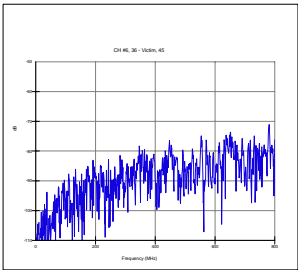
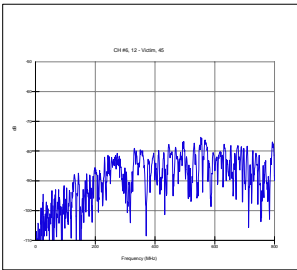
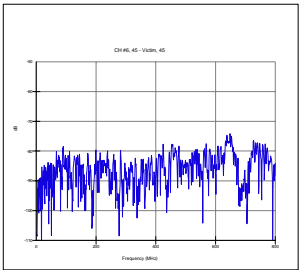
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





ANEXT - Near End

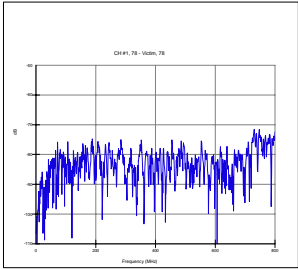
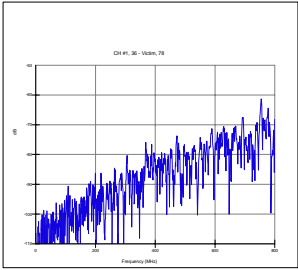
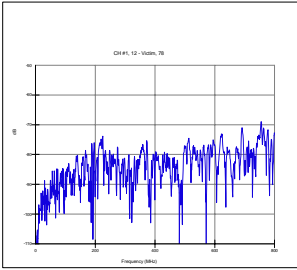
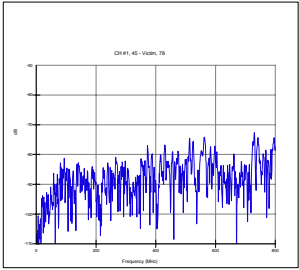
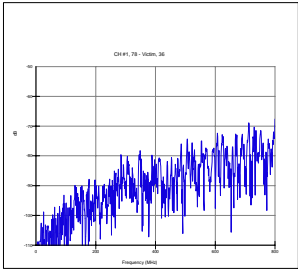
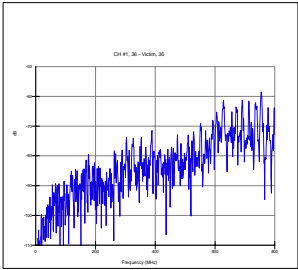
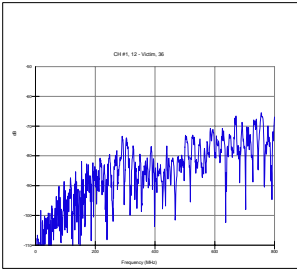
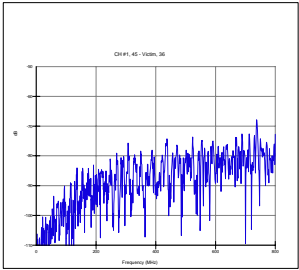
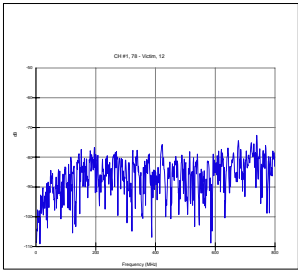
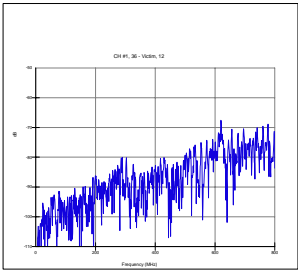
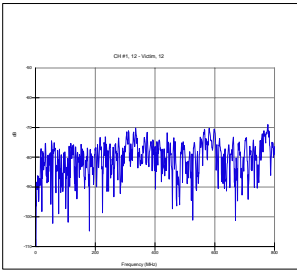
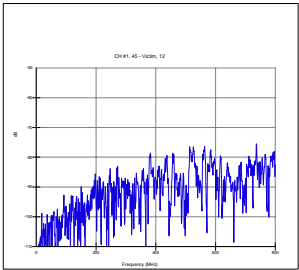
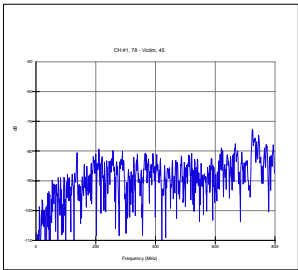
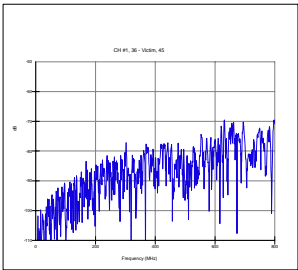
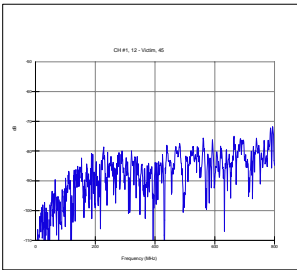
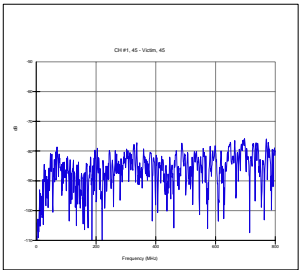
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





ANEXT - Far End

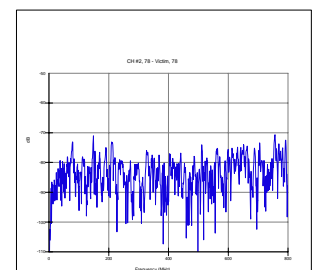
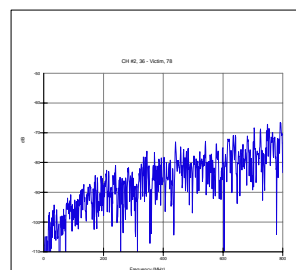
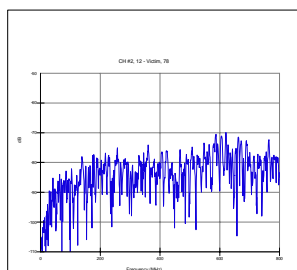
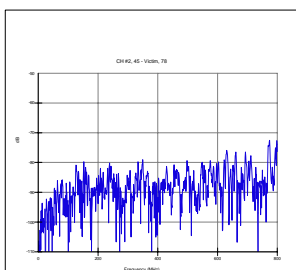
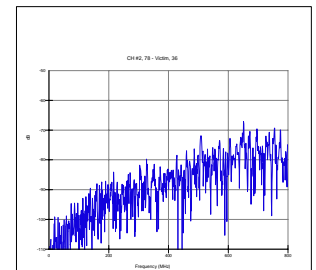
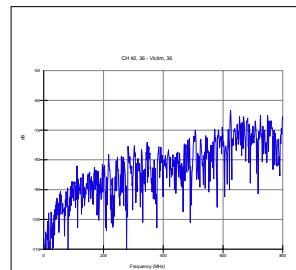
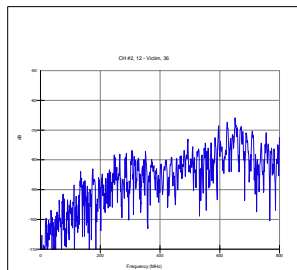
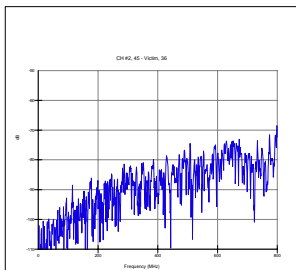
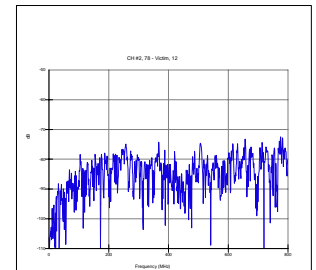
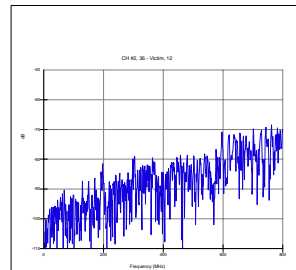
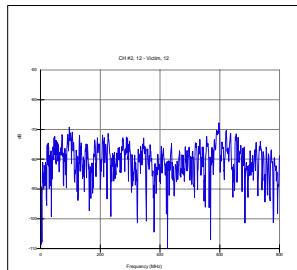
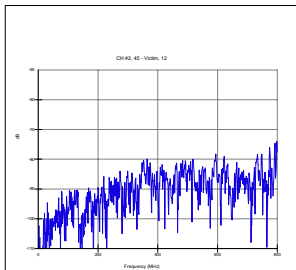
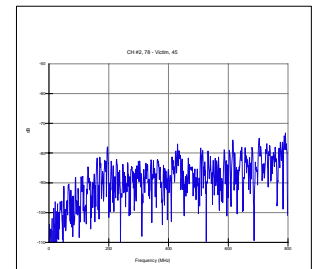
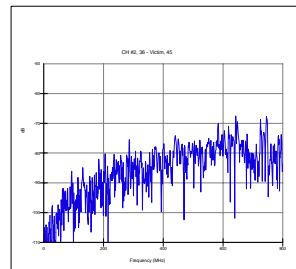
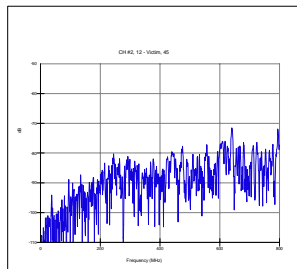
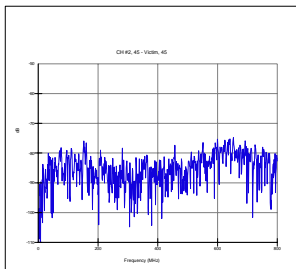
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





## ANEXT - Far End

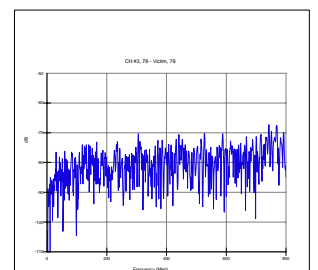
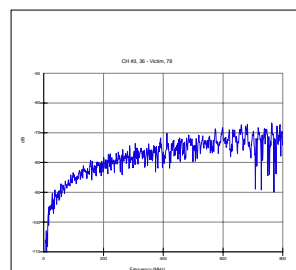
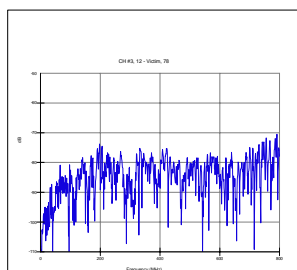
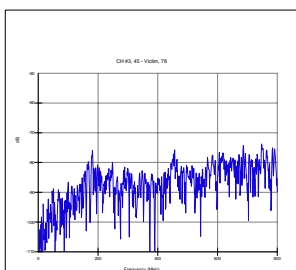
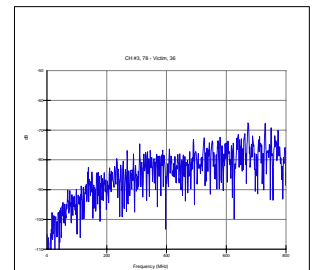
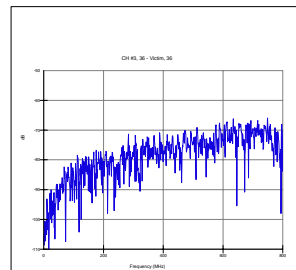
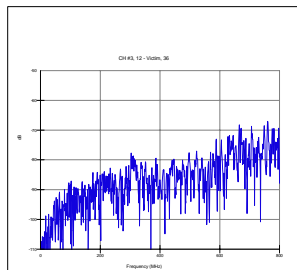
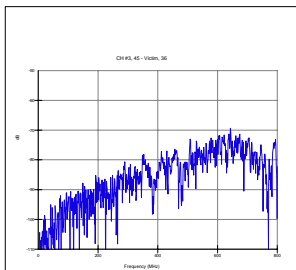
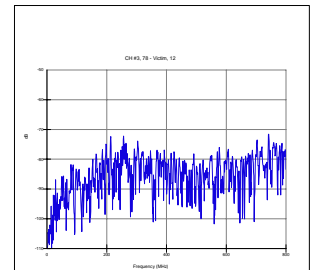
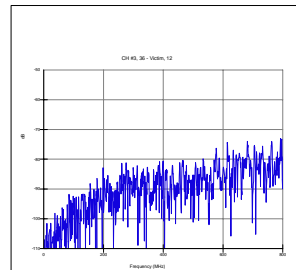
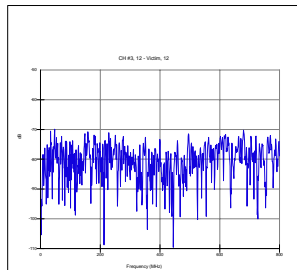
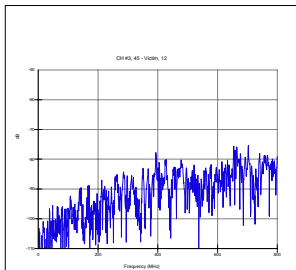
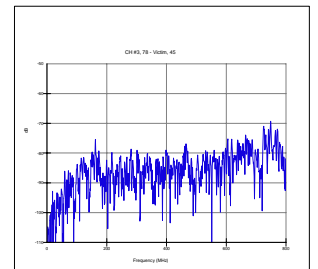
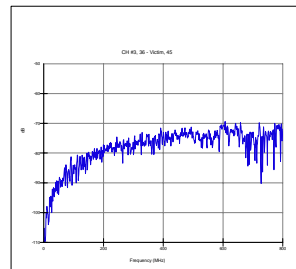
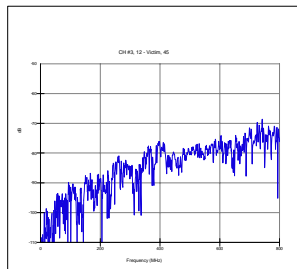
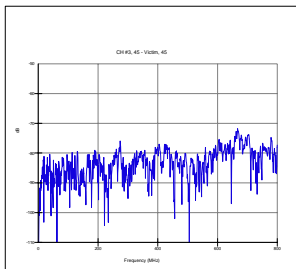
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)	<b>Length(m)</b>	98.
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Appendix</b>	B
<b>Description</b>	2 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





## ANEXT - Far End

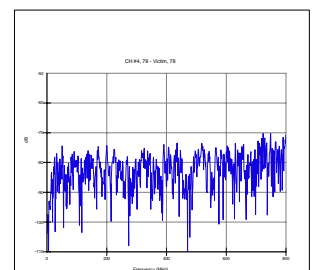
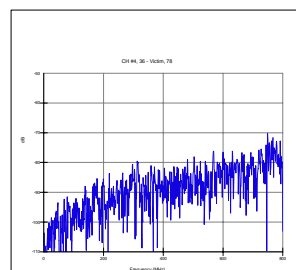
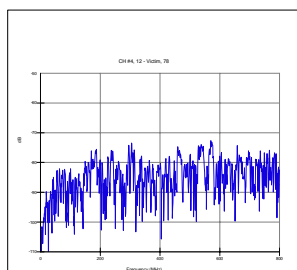
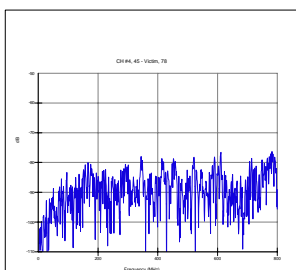
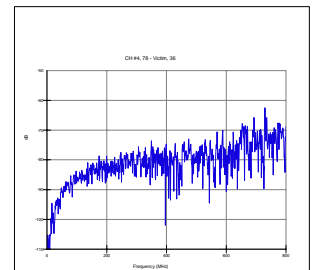
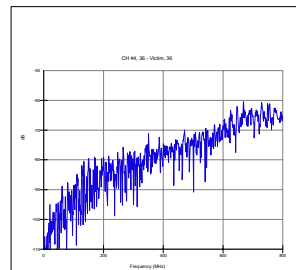
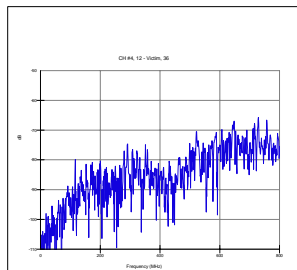
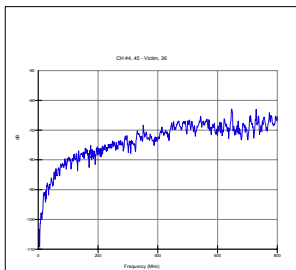
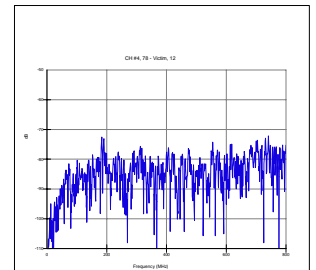
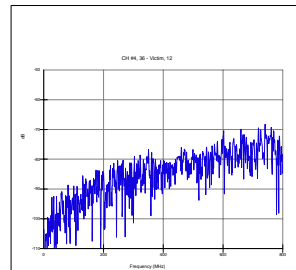
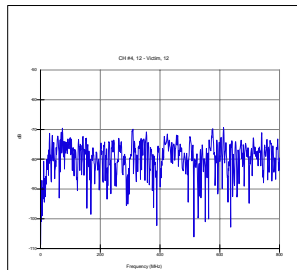
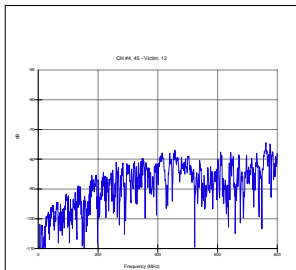
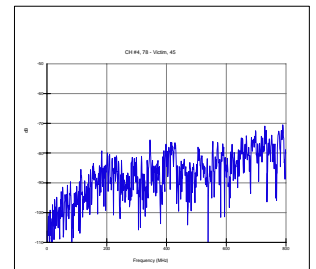
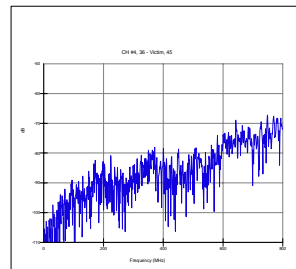
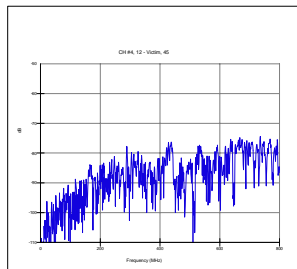
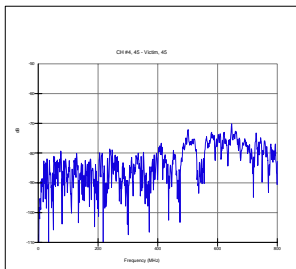
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)	<b>Length(m)</b>	98.
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Appendix</b>	B
<b>Description</b>	2 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





## ANEXT - Far End

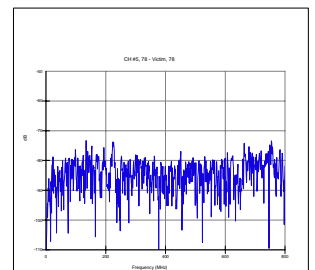
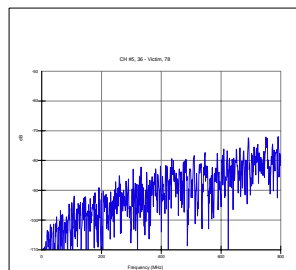
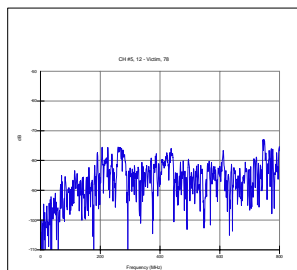
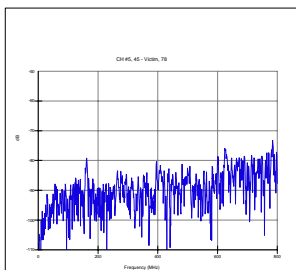
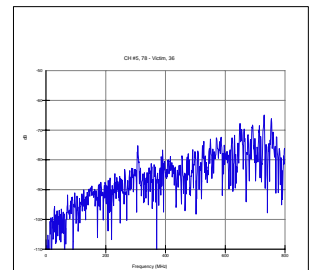
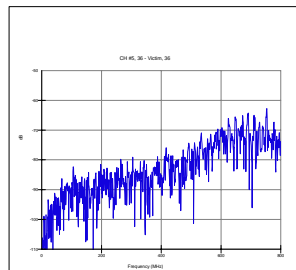
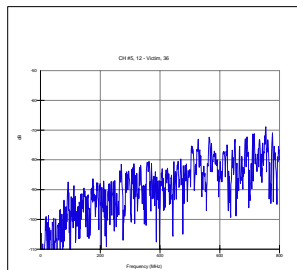
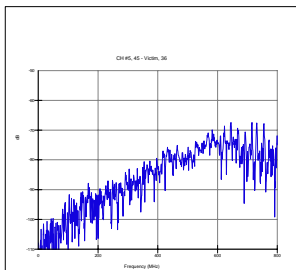
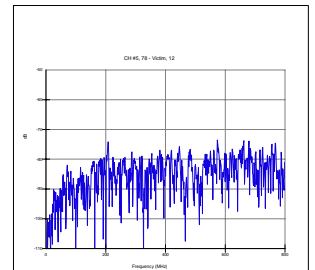
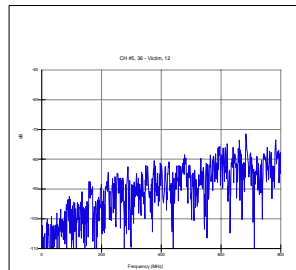
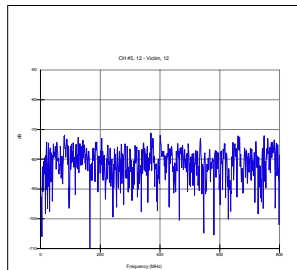
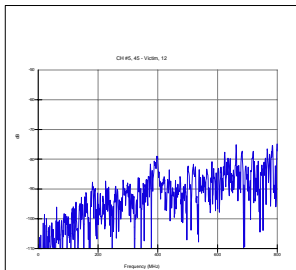
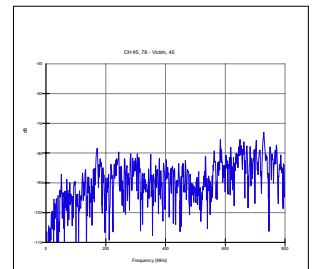
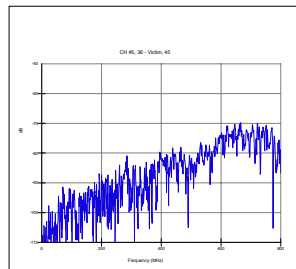
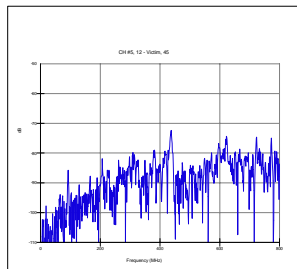
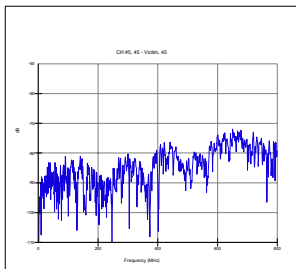
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)	<b>Length(m)</b>	98.
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Appendix</b>	B
<b>Description</b>	2 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





## ANEXT - Far End

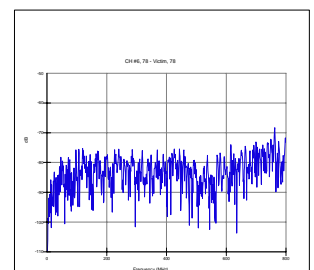
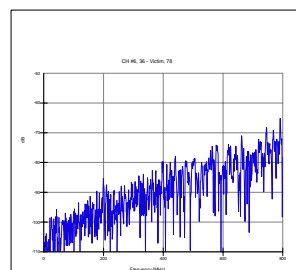
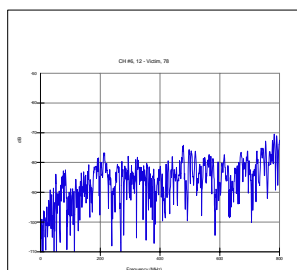
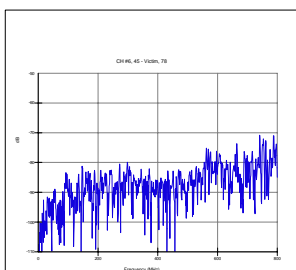
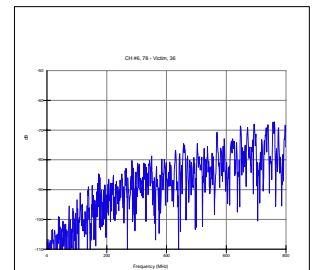
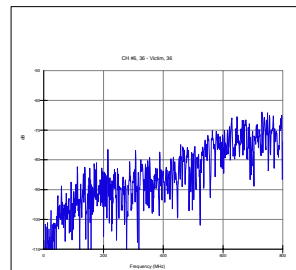
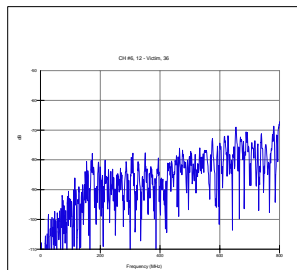
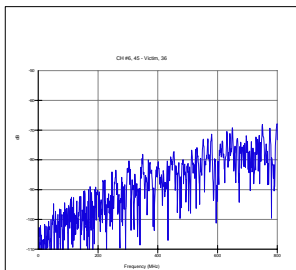
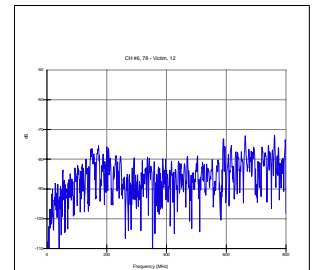
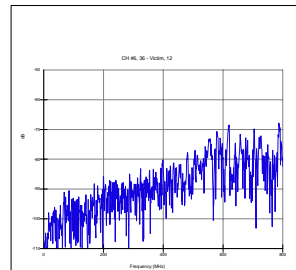
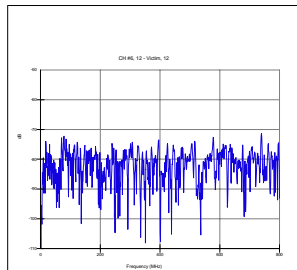
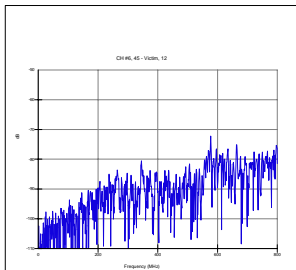
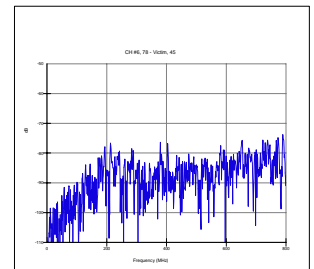
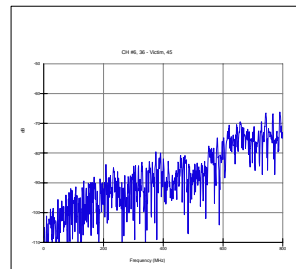
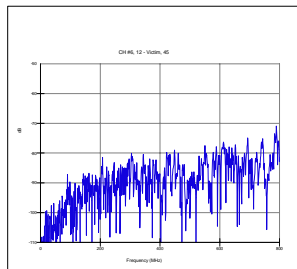
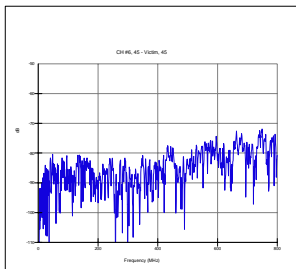
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)	<b>Length(m)</b>	98.
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Appendix</b>	B
<b>Description</b>	2 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





## ANEXT - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)	<b>Length(m)</b>	98.
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Appendix</b>	B
<b>Description</b>	2 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





## AFEXT - Near End

**Client**  
**Specification**  
**Part No**  
**Test Started**  
**Description**  
**Operator Name**

Schneider Electric India	Report No
ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)	
ACTTG4P6AUCM3RBU_E	Length(m)
9/3/2015 12:49:19 PM	Temperature
2 Connector Channel	Appendix
John Cash	Test Status

Report No

102207890CRT-002a

**Length(m)**

98.

## Temperature

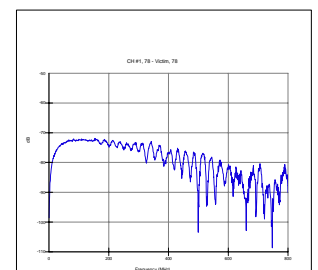
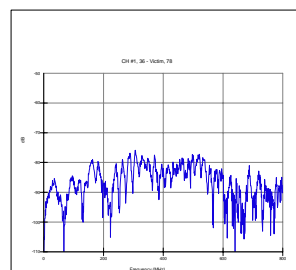
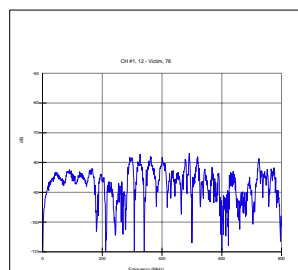
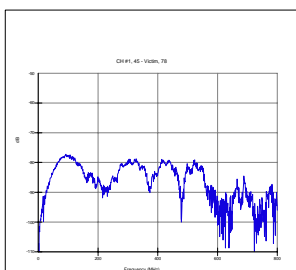
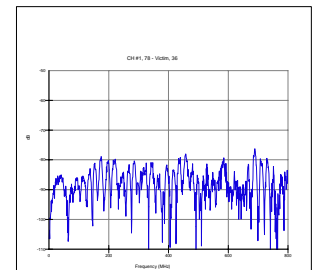
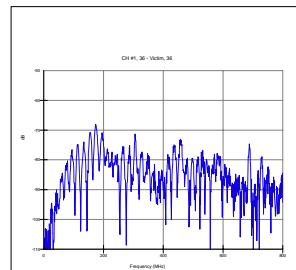
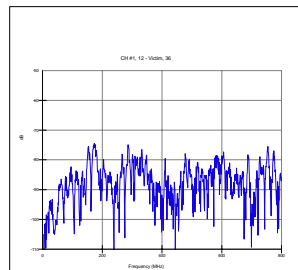
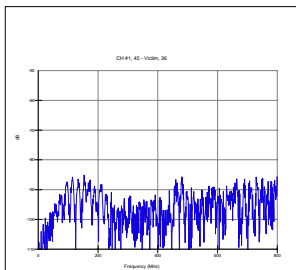
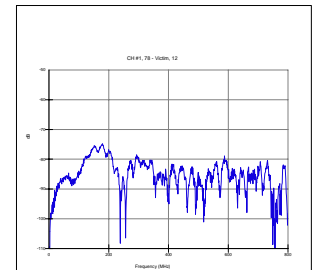
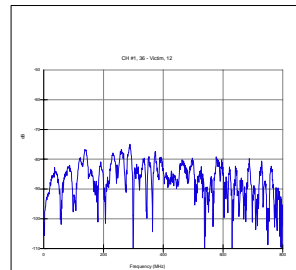
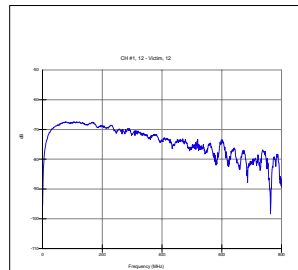
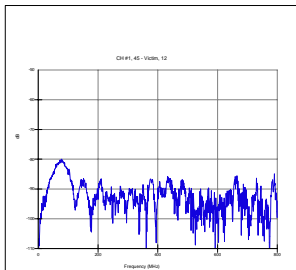
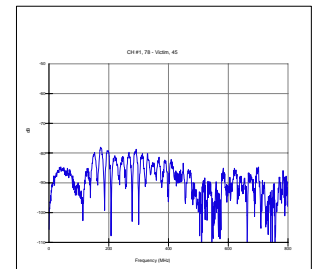
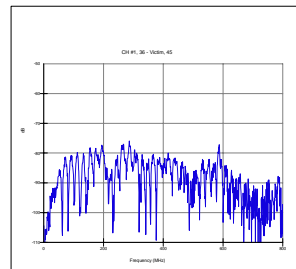
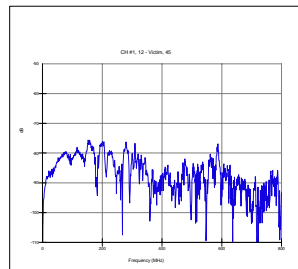
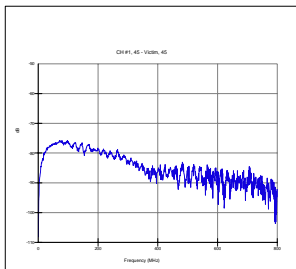
22 °C

## Appendix

B

## Test Status

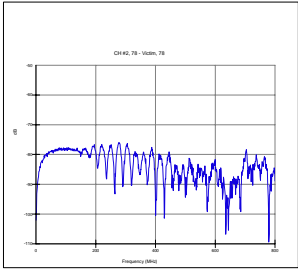
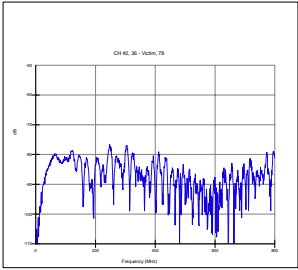
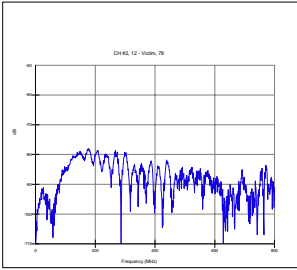
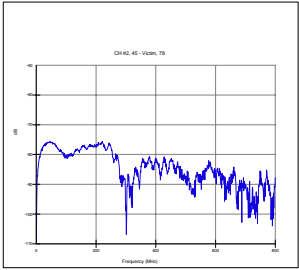
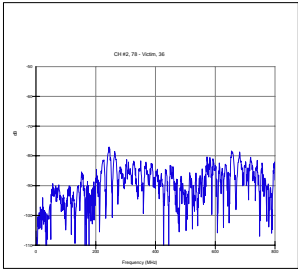
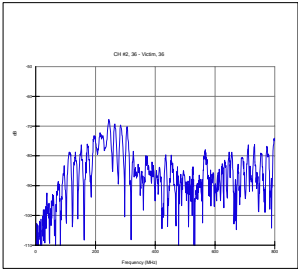
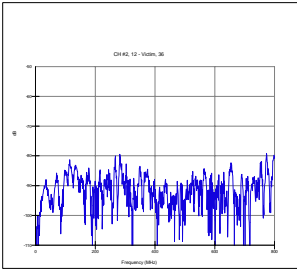
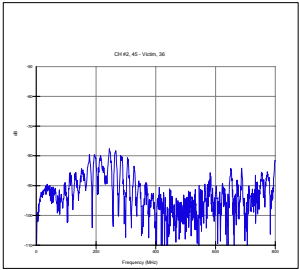
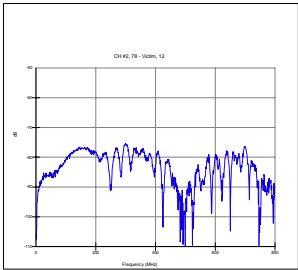
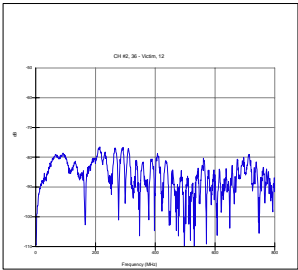
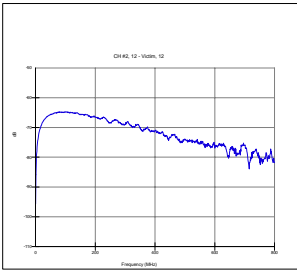
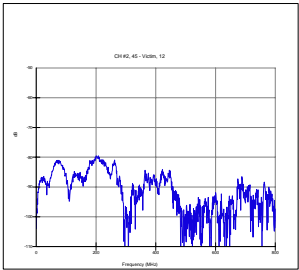
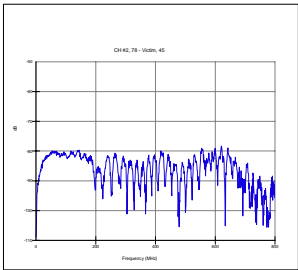
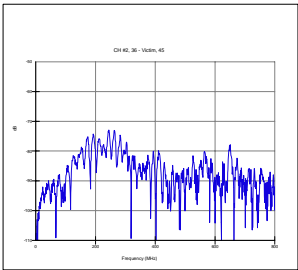
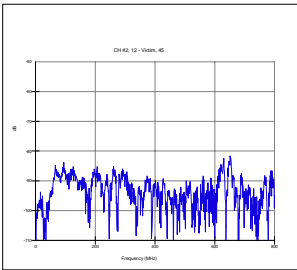
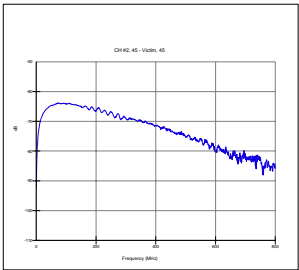
Complies





AFEXT - Near End

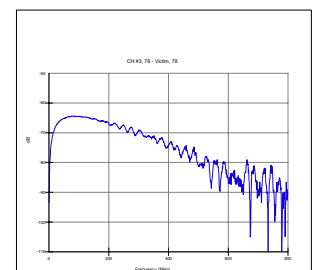
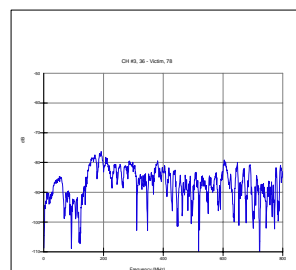
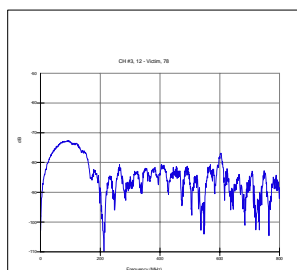
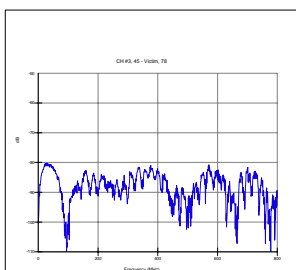
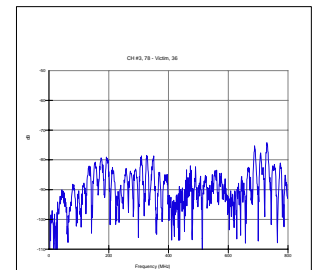
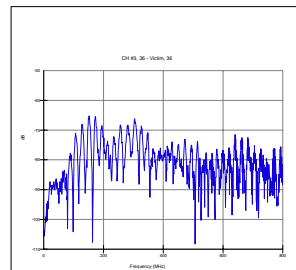
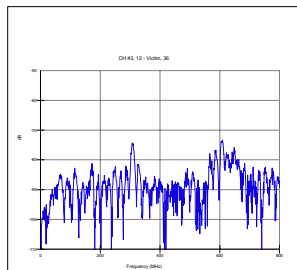
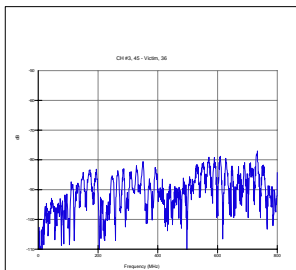
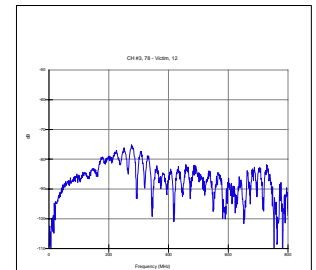
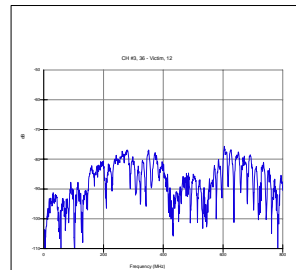
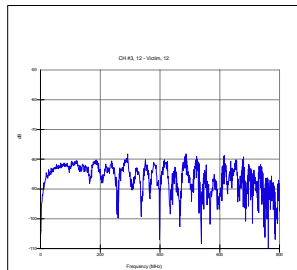
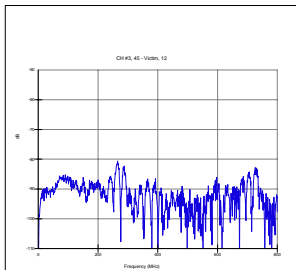
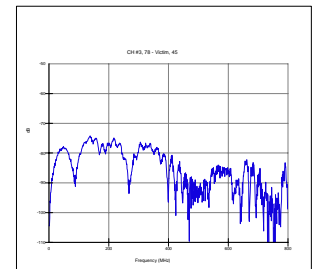
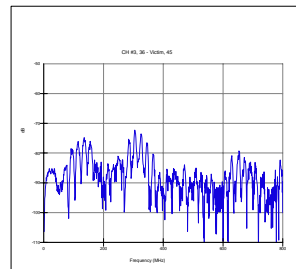
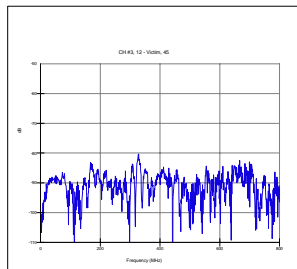
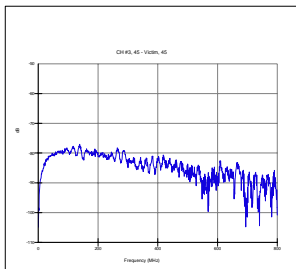
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





## AFEXT - Near End

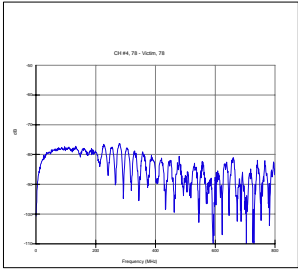
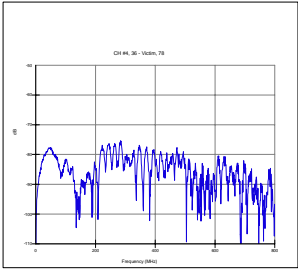
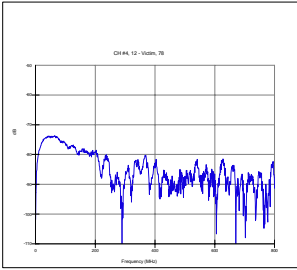
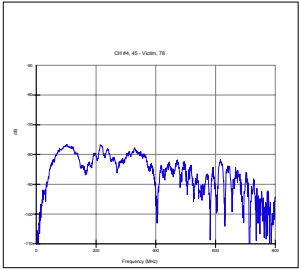
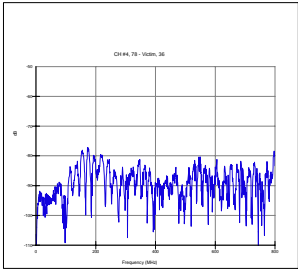
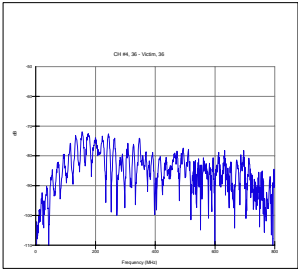
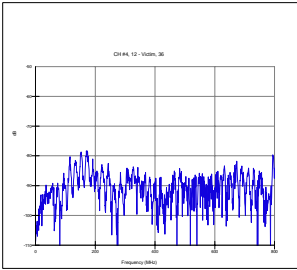
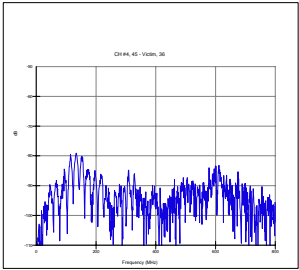
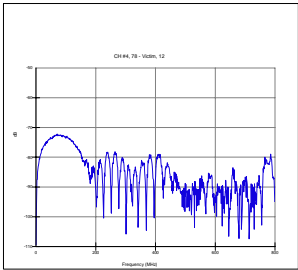
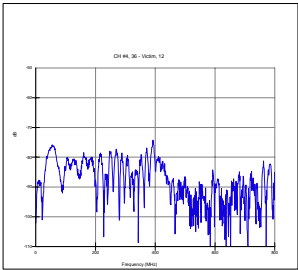
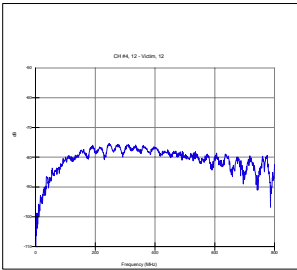
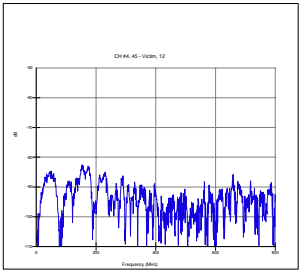
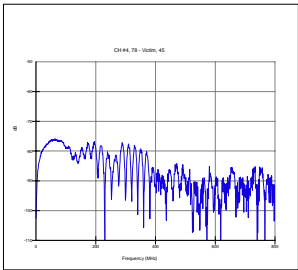
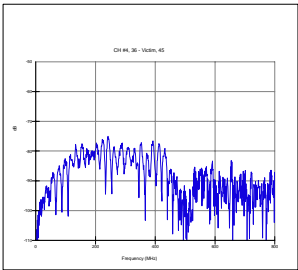
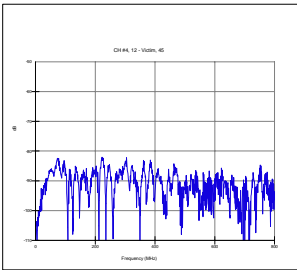
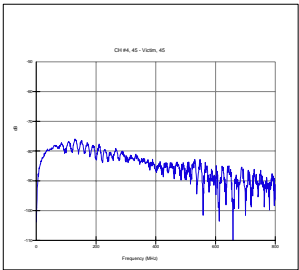
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)	<b>Length(m)</b>	98.
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Appendix</b>	B
<b>Description</b>	2 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





AFEXT - Near End

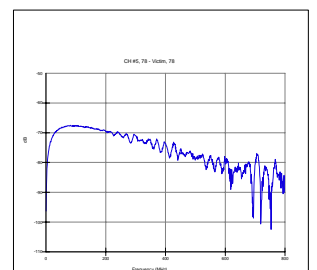
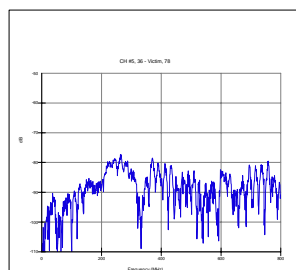
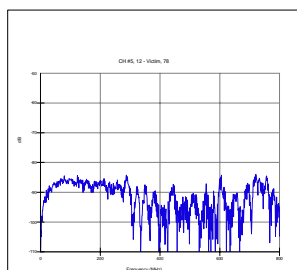
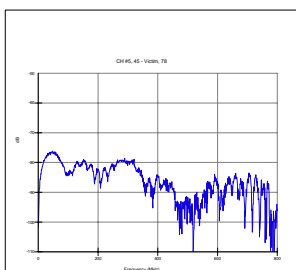
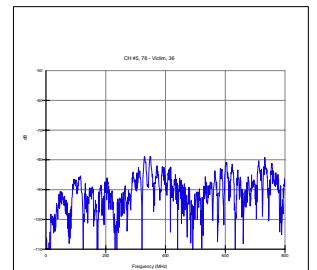
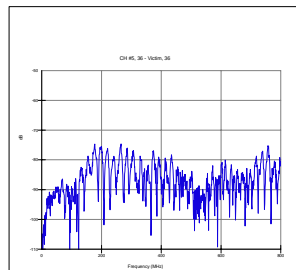
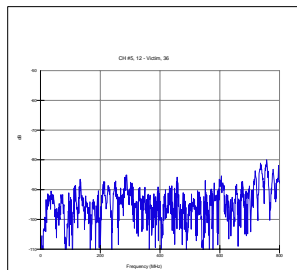
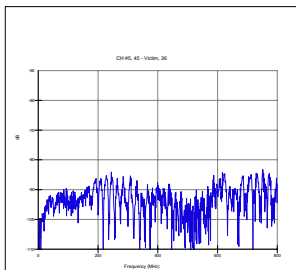
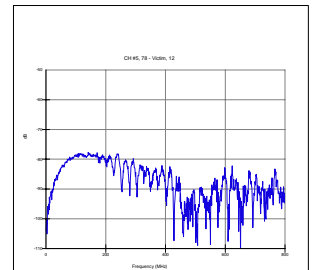
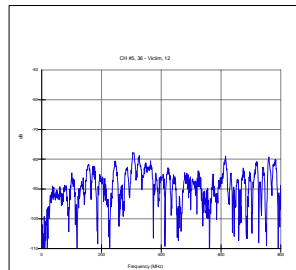
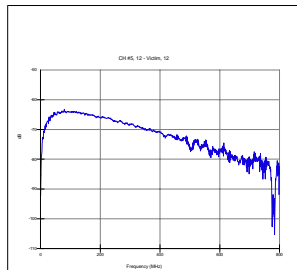
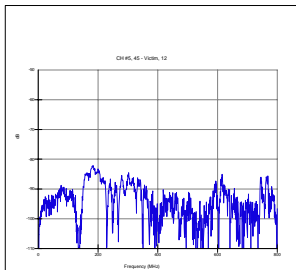
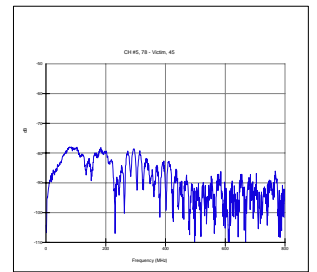
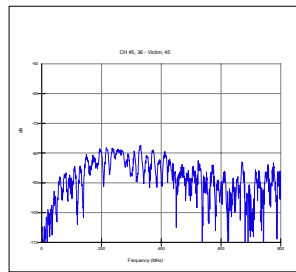
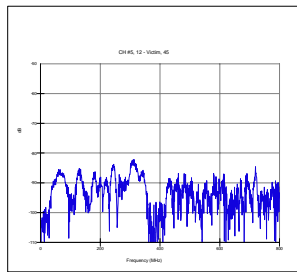
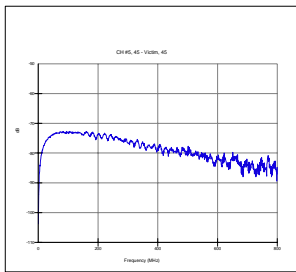
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





## AFEXT - Near End

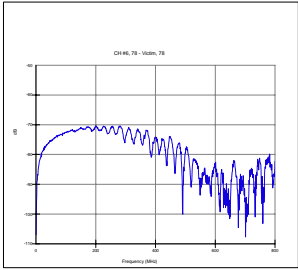
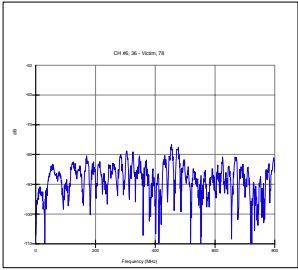
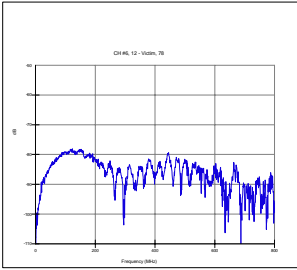
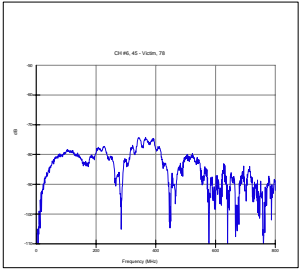
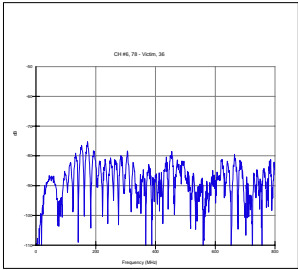
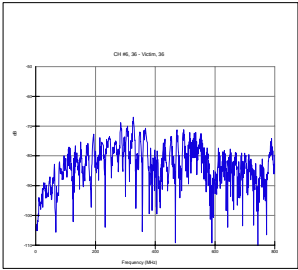
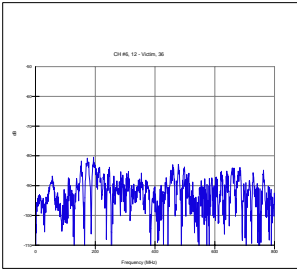
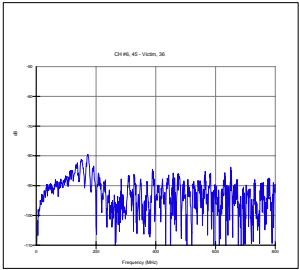
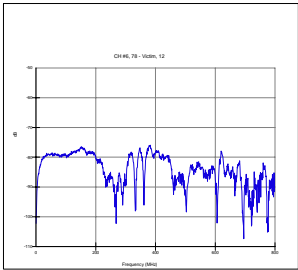
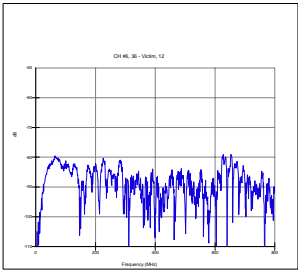
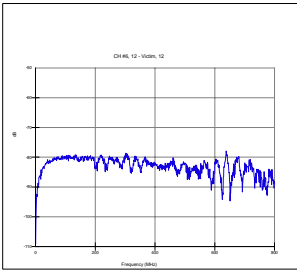
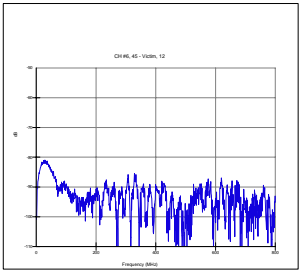
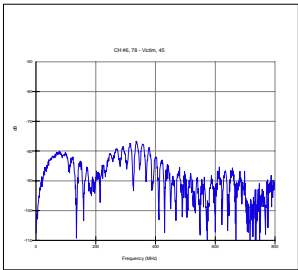
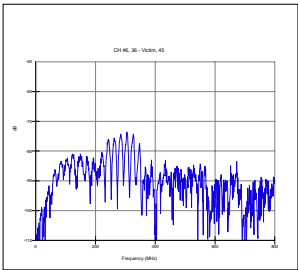
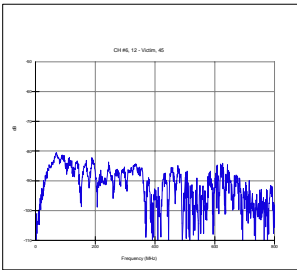
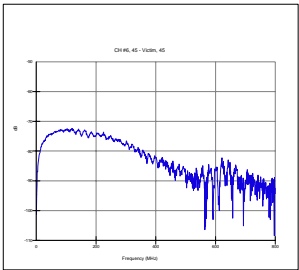
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)	<b>Length(m)</b>	98.
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Appendix</b>	B
<b>Description</b>	2 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





AFEXT - Near End

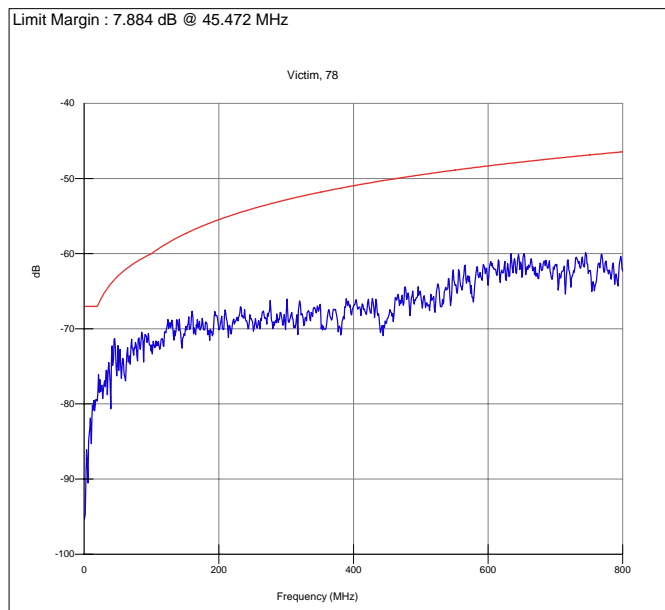
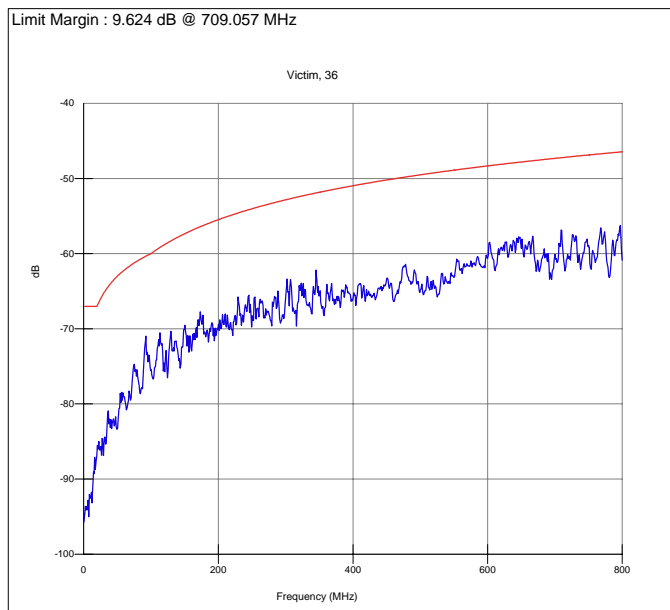
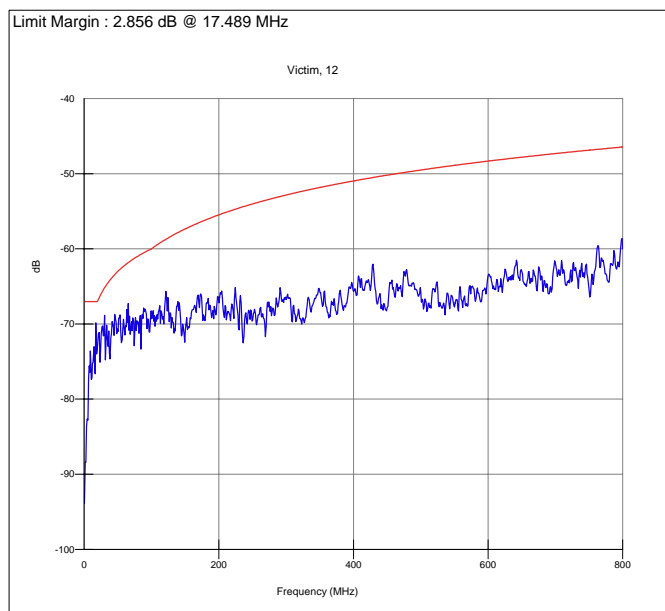
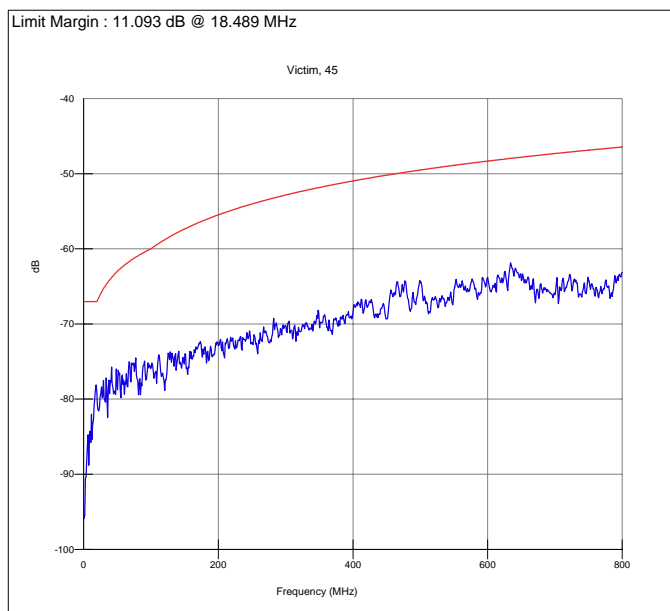
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





## PSANEXT - Near End

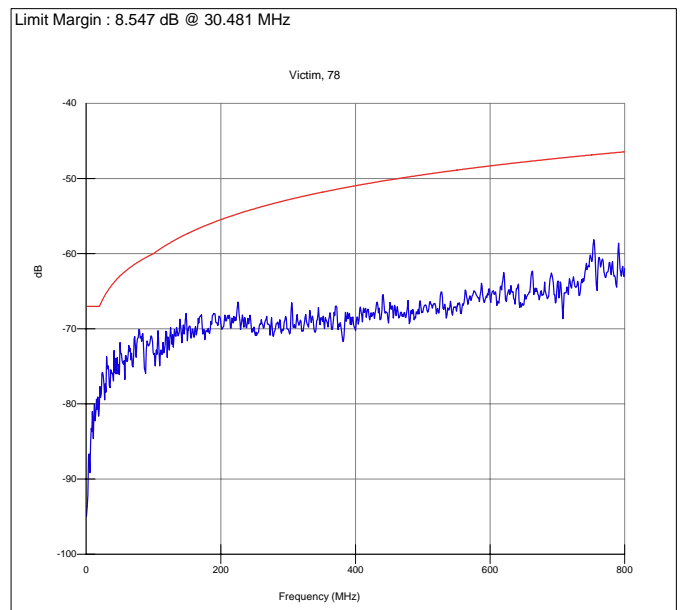
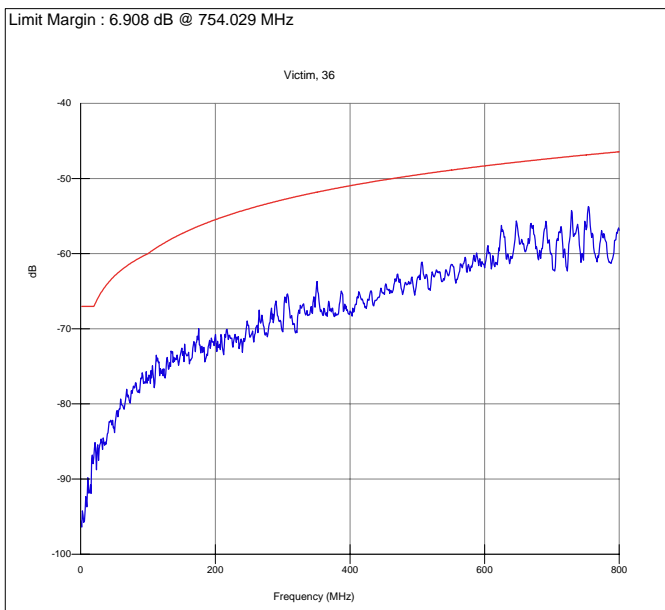
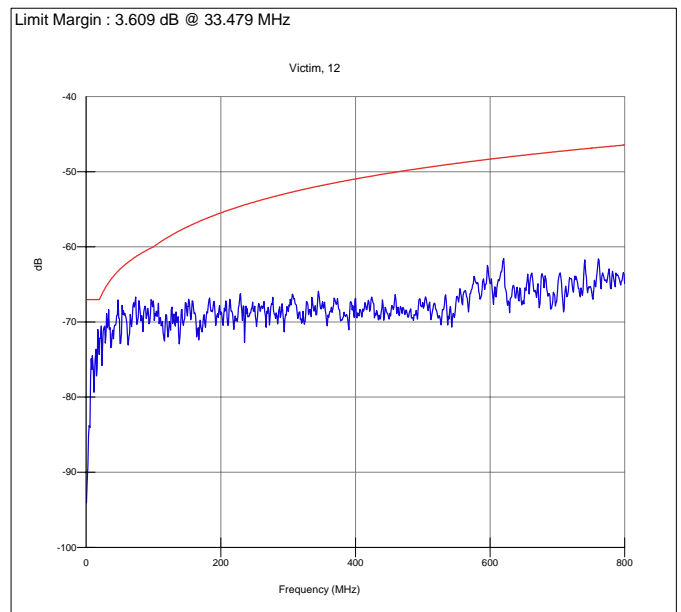
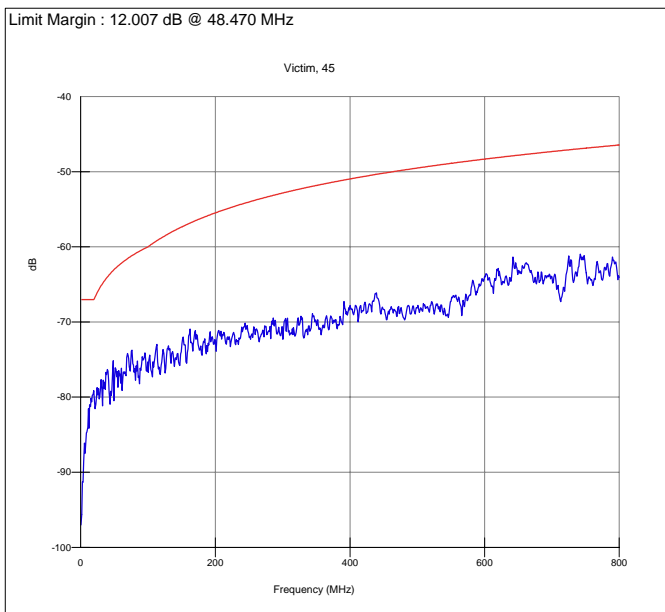
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





## PSANEXT - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

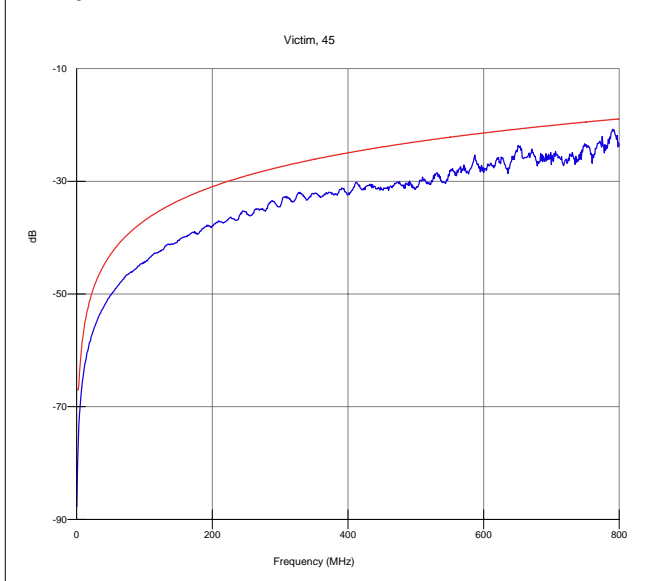




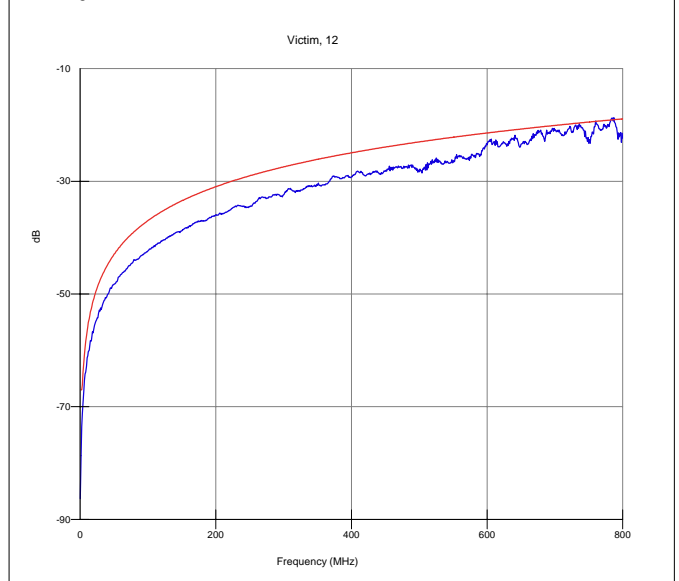
## PSAACRF (PSAELFEXT) - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

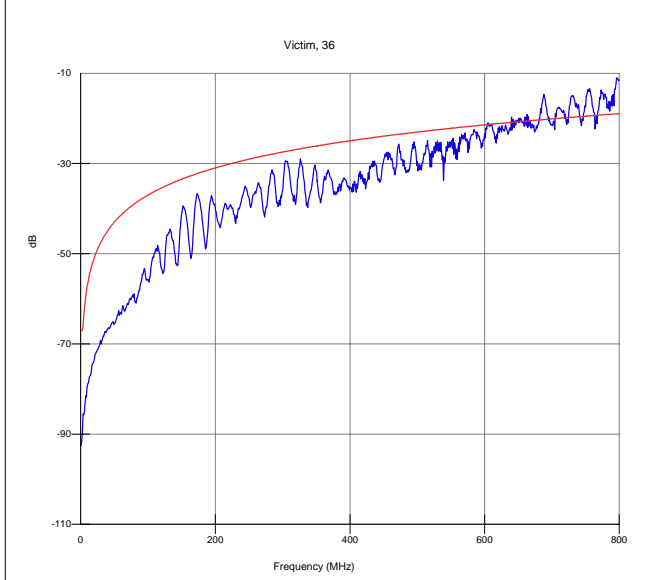
Limit Margin : 5.486 dB @ 306.309 MHz



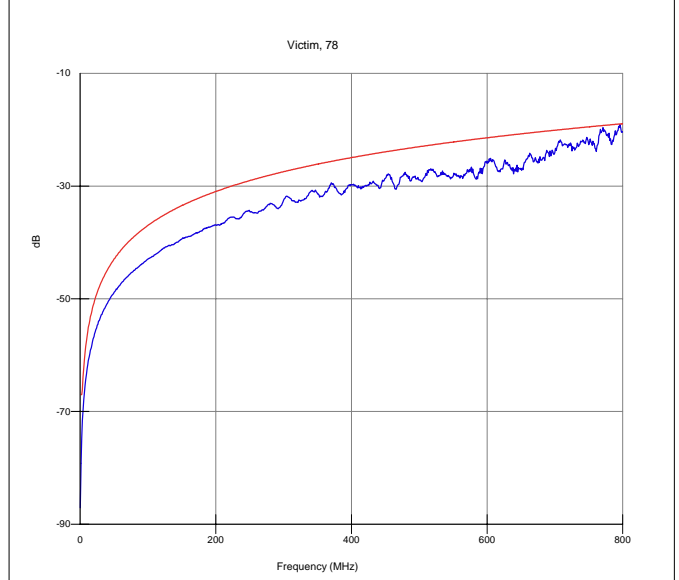
Limit Margin : 3.434 dB @ 409.244 MHz



Limit Margin : 2.041 dB @ 304.310 MHz



Limit Margin : 4.473 dB @ 304.310 MHz

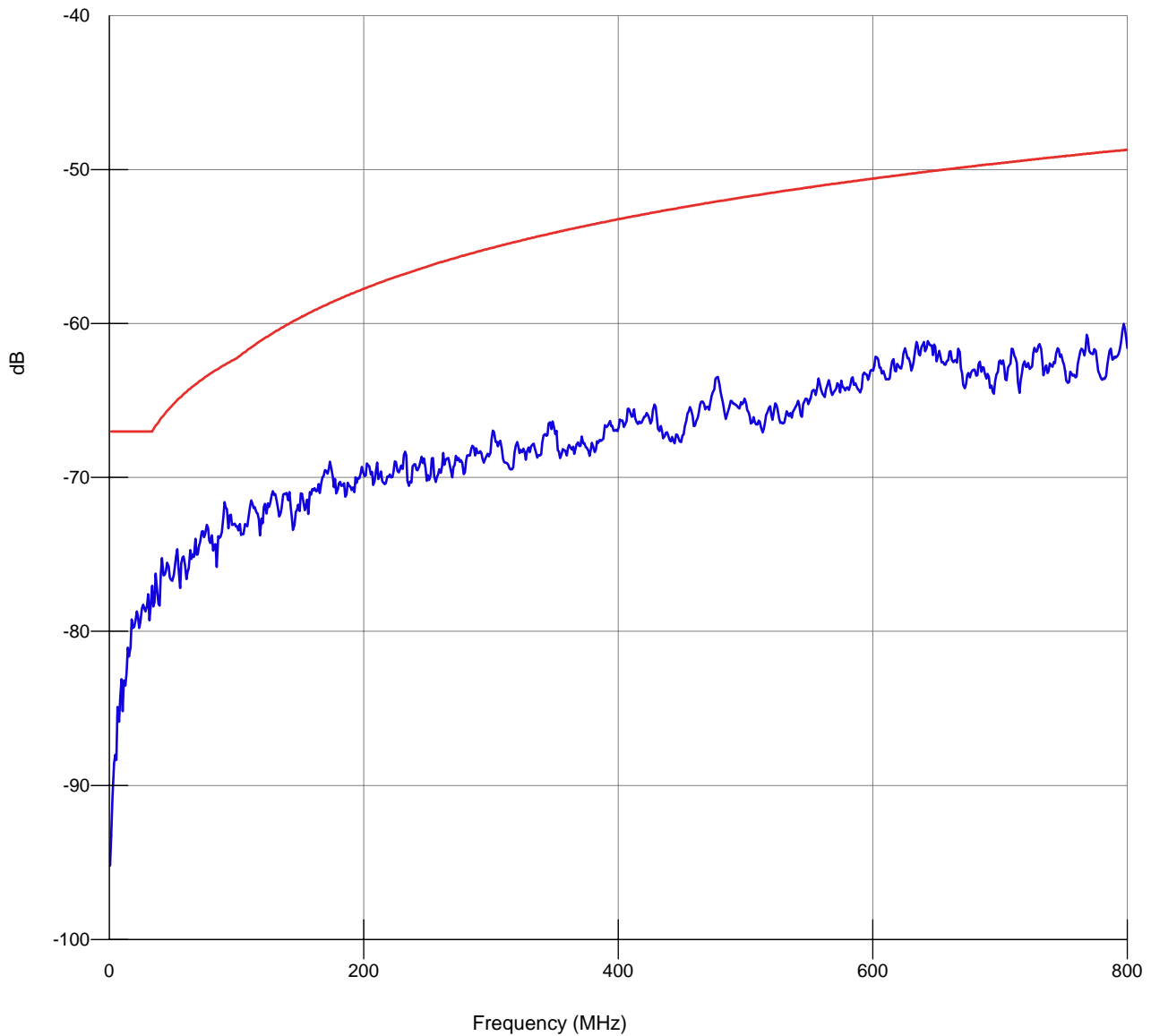




## Average PSANEXT - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

Limit Margin : 8.908 dB @ 90.444 MHz

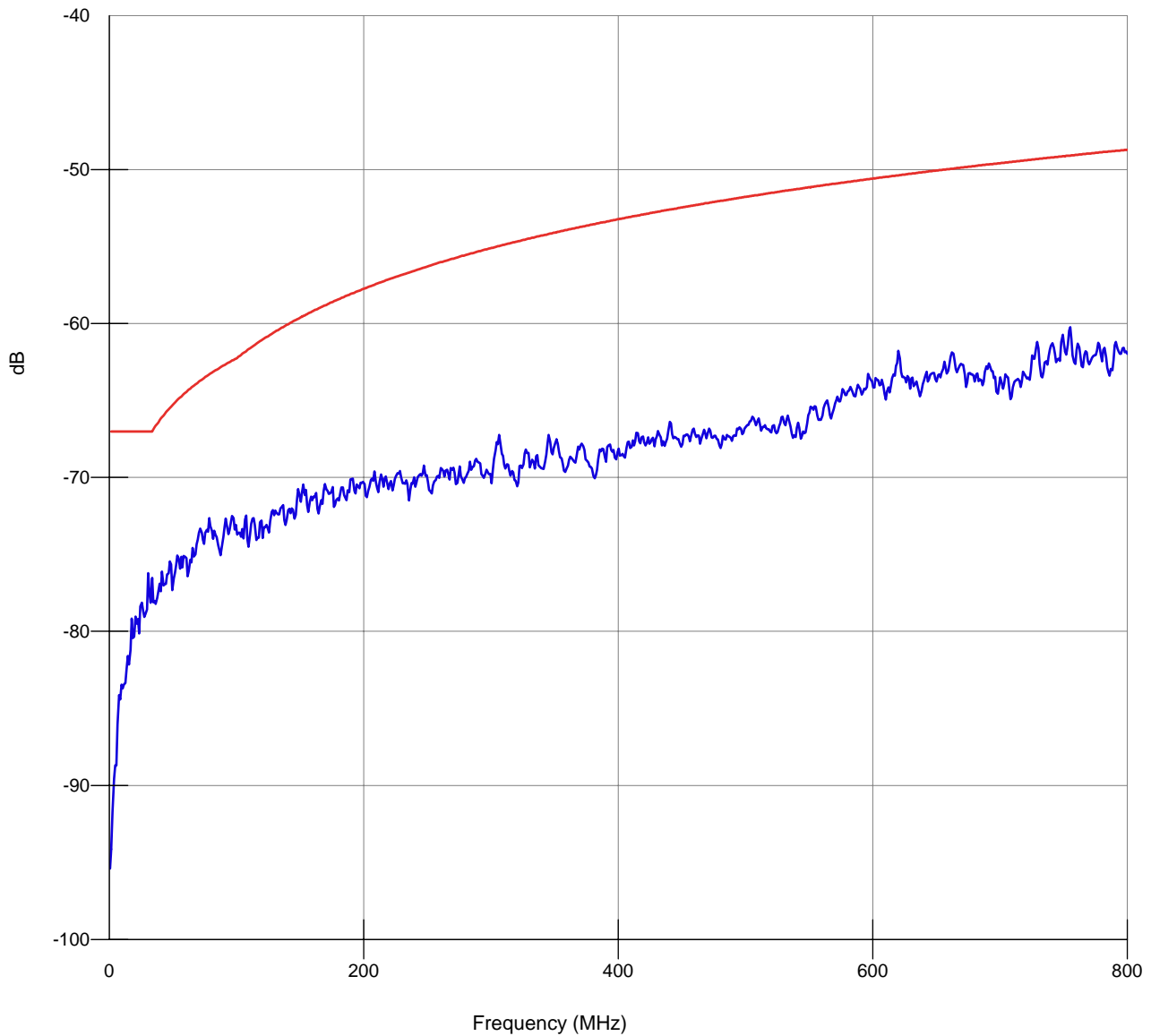




## Average PSANEXT - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

Limit Margin : 9.230 dB @ 30.481 MHz





## Average PSAACRF (PSAELFEXT) - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102207890CRT-002a
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6A Channel (800 MHz)		
<b>Part No</b>	ACTTG4P6AUCM3RBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	9/3/2015 12:49:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	2 Connector Channel	<b>Appendix</b>	B
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

Limit Margin : 0.106 dB @ 304.310 MHz

